

**FEDERATED MDTA LLC  
(INCLUDING ITS MDT ADVISERS DIVISION)**

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1-800-685-4277  
FederatedInvestors.com

March 16, 2018

**Federated MDTA LLC (including its MDT Advisers division) is a registered investment adviser. This registration does not imply a certain level of skill or training.**

**This brochure provides information about the qualifications and business practices of Federated MDTA LLC (including its MDT Advisers division). If you have any questions about the content of this brochure, please contact us at 1-800-685-4277. The information in this brochure has not been approved or verified by the United States Securities and Exchange Commission (SEC) or by any state securities authority.**

**Additional information about Federated MDTA LLC (including its MDT Advisers division) also is available on the SEC's website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

## ITEM 2. MATERIAL CHANGES

As required by SEC rules, through this summary, Federated MDTA LLC is identifying and discussing the changes from the last annual update to its Form ADV, Part 2A, brochure, dated March 20, 2017, that it believes may be material.

The discussion immediately below, addresses only changes believed to be material from the last annual update of our brochure dated March 20, 2017. In the section below labeled “Certain Other Changes,” we also discuss certain (but not all) other changes to our brochure from our last annual update. We encourage you to use this summary to determine whether to review our amended annual updated brochure, dated March 16, 2018 (Updated Brochure), in its entirety or to contact Federated MDTA LLC with questions about the changes.

**Item 5 Section A.1 (“Fees and Compensation “): In this section, the fee range for Investment Supervisory Services provided to Investment Companies has been updated. Accordingly, the Section entitled Investment Companies has been restated as follows:**

Federated MDTA LLC’s fees for providing Investment Supervisory Services to Investment Companies generally are based upon the client’s average net assets. When our fee is negotiated, it may vary based on discussions with the Board of Directors/Trustees of an Investment Company, and is specified in our investment management agreement for the Investment Company. Our fees currently range from 0.75% to 1.15% (0.50% for sub-advised Investment Companies). Our investment management agreements may provide for “breakpoints” at which the percentage charged is reduced if the client’s average net assets exceed a specified amount. We also may agree to or voluntarily limit or reimburse our fees to maintain an Investment Company’s general expenses at a specified percentage of average net assets.

Our fees are payable as provided in our investment management agreements, and typically are paid daily. We do not require any Investment Company to prepay investment advisory fees (therefore, our fees are not refundable).

**Item 5 Section E (“Fees and Compensation - Sales Compensation”): Information regarding Federated International Securities Corp., an affiliated investment adviser expected to register as a broker/dealer in 2018, has been added to this section. Accordingly, the Section has been restated as follows:**

Federated Securities Corp. and Federated International Securities Corp. are affiliates of Federated MDTA LLC. Federated Securities Corp. serves as distributor of the Federated family of Investment Companies (*i.e.*, mutual funds, Private Investment Companies). Federated Securities Corp. is a registered broker/dealer, municipal securities dealer, and investment adviser. Federated International Securities Corp. is an investment adviser and is expected to register as a broker/dealer in 2018. These registrations do not imply a certain level of skill or training. Federated Securities Corp. receives distribution-related fees for services relating to the sale of shares of Federated mutual funds. Some of its employee-representatives also receive compensation based on the sale of mutual fund shares.

Federated Securities Corp. also:

- May provide services to banks, financial institutions or other advisors in connection with Federated Securities Corp. acting as liquidation agent for such entities and locating purchasers for assets held in pooled investment vehicles for which such entities serve as trustees;
- Sells units of certain collective investment trust(s)/fund(s) for which Federated Investors Trust Company, an affiliate of Federated MDTA LLC, serves as trustee;
- Sells shares of certain private funds for which Federated MDTA LLC, or another Federated Advisory Companies serves as managing member or trustee; and
- Engages in certain sales-related activities relating to certain local government investment pools.

Federated Securities Corp. receives, and its employee representatives may receive, compensation for these liquidation agent, placement agent, sales-related, and other activities.

Upon its registration as a broker/dealer, Federated International Securities Corp. is expected to also:

- Sell units of certain collective investment trust(s)/fund(s) for which Federated Investors Trust Company, an affiliate of Federated International Securities Corp., serves as trustee; and

- Sell shares of certain private funds for which other Federated Advisory Companies serve as trustee or managing member;

Federated International Securities Corp. will receive, and its employee representatives may receive, compensation for these, placement agent, sales-related, and other activities.

Employee-representatives of Federated Securities Corp. and Federated International Securities Corp. also serve as sales people for the investment services and products sponsored by Federated Investors and investment advisory services offered by Federated MDTA LLC and certain of the other Federated Advisory Companies. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, act in the capacity of solicitors for Federated MDTA LLC and certain other Federated Advisory Companies and, in certain cases, also provide advice on behalf of us and other Federated Advisory Companies to the institutional, high-net worth, separately managed account/wrap-fee account and other clients of Federated MDTA LLC and other Federated Advisory Companies.

Federated Securities Corp.'s and Federated International Securities Corp.'s services, and their employee-representatives' services, are provided to Federated MDTA LLC, and certain other Federated Advisory Companies, pursuant to one or more written agreements with Federated MDTA LLC, and the other relevant Federated Advisory Companies, entered into pursuant to SEC Rule 206(4)-3 under the Advisers Act. These written agreements:

- Describe the solicitation activities to be engaged in by Federated Securities Corp.'s and Federated International Securities Corp.'s employee-representatives on behalf of Federated MDTA LLC and the other relevant Federated Advisory Companies;
- Describe the compensation to be received for such services;
- Require that Federated Securities Corp.'s, Federated International Securities Corp.'s and their employee-representatives' status as employee-representatives, be disclosed to the client or potential client of Federated MDTA LLC or the other relevant Federated Advisory Companies at the time of the solicitation or referral; and
- Require that the affiliation between Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, and Federated MDTA LLC, or the other relevant Federated Advisory Companies, be disclosed to the client or potential client of Federated MDTA LLC or the other relevant Federated Advisory Companies at the time of the solicitation or referral.

Pursuant to applicable SEC guidance, these written agreements also require that Federated Securities Corp.'s or Federated International Securities Corp.'s relevant regulatory history, if any, be disclosed to clients and potential clients of Federated MDTA LLC and the other relevant Federated Advisory Companies. As permitted by applicable SEC guidance, this disclosure may be provided to clients or potential clients by including it in our brochure (or the brochures of the relevant other Federated Advisory Companies) or by including it in a separate document.

Federated Securities Corp. and Federated International Securities Corp. receive compensation from us and such other Federated Advisory Companies (in the form of an intercompany credit) for performing these activities on our and their behalf. Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives also may receive compensation from Federated Securities Corp. or Federated International Securities Corp. for performing such solicitation and other functions.

Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives are salaried employees of Federated Securities Corp. or of Federated International Securities Corp., respectively and receive no commission, fees or other remuneration in connection with individual securities transactions. Bonuses may be based on a number of factors, including mutual fund/account sales, net sales, increase in average annual assets and/or revenue of assigned accounts/investment products or territories, and, for certain sales managers, Federated Investors, Inc.'s overall financial results. Certain employee-representatives may be eligible to receive a portion of their annual bonus in cash or a combination of cash and restricted stock of Federated Investors, Inc.

Even though Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives are not employees of Federated MDTA LLC or the other Federated Advisory Companies for which Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives serve as sales people, Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, are supervised persons of Federated MDTA LLC and such other Federated Advisory Companies. They also are deemed to be "persons associated with" us and such

other Federated Advisory Companies. Federated Securities Corp.'s and Federated International Securities Corp.'s employee-representatives also are registered as investment adviser representatives of Federated MDTA LLC and such other Federated Advisory Companies, as and to the extent required under applicable law. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives are subject to the supervision and control of Federated MDTA LLC and such other Federated Advisory Companies. As such, they are subject to the compliance programs of Federated MDTA LLC and such other Federated Advisory Companies when soliciting clients or potential clients for them or providing advice on their behalf.

Federated MDTA LLC does not receive commissions or other compensation for the sale of investment products. Since we do not receive commissions, we do not charge our investment advisory fees in addition to commissions or markups. Under appropriate circumstances, we may advise our clients to invest assets in certain Investment Companies (or mutual funds), including no-load funds, Private Investment Companies, or Pooled Investment Vehicles advised by us or other Federated Advisory Companies or distributed by Federated Securities Corp. (Affiliated Investment Vehicles). Federated MDTA LLC, or our affiliated companies (including Federated Securities Corp. and Federated International Securities Corp.), may receive investment advisory, administrative, distribution or other fees and compensation from such Affiliated Investment Vehicles.

The practices discussed above create actual and potential conflicts of interest because Federated Securities Corp., Federated International Securities Corp., their employee-representatives, and Federated MDTA LLC (or other Federated Advisory Companies) have an incentive to recommend investment services or products based on the compensation received rather than a client's needs. (Please refer to "Performance-Based Fees and Side by Side Management" in Item 6 of this brochure for a discussion of these conflicts of interest.)

Clients always have the option to purchase investment products that Federated Securities Corp., Federated International Securities Corp., their employee-representatives, or Federated MDTA LLC (or any of our affiliates) recommend, or to preclude investment in any investment product (including Affiliated Investment Vehicles). If a client desires to preclude investment in a particular investment product, the client should impose a restriction on the client's account by instructing us in writing. (Please refer to "Investment Discretion" in Item 16 of this brochure for further information.) Clients also have the option to purchase any investment products through any broker, dealer or other securities intermediary that is not affiliated with Federated MDTA LLC.

**Item 6 Section B.6 ("Performance-Based Fees and Side by Side Management - Conflicts of Interest Relating to Side by Side Management - Other Conflicts of Interest Relating to Certain Investment and Brokerage Practices"): The description of our trade rotation practices in this section has been revised. Additionally, disclosure in this section has been updated to describe the periodic rebalancing of portfolios for certain Federated Global Investment Management Corp. strategies and the attendant risks. Accordingly, the Section has been restated as follows:**

There will be times when the same security is being purchased or sold concurrently for multiple client accounts or portfolios. Federated MDTA has established a policy whereby contention among brokers trading the same security is minimized. Different approaches are used depending on the circumstances. The trading day may be divided among brokers based upon the size of their trade in a security or group of securities or brokers may be instructed to execute larger trades across the trading day. For larger rotated trades and small trades that can be instantly executed, the Federated MDTA traders seek to randomly vary the intraday broker sequence across trading days. There can be no assurance that each client will receive the same price for a security, and, depending upon the circumstances, different clients may receive different prices, higher or lower, for the same security. (Please refer to "Directed Brokerage" in Item 12 of this brochure for additional considerations relating to directed brokerage/trading.) Also, for example, when providing our nondiscretionary Model Portfolio Management Services, except as discussed below, we currently communicate model changes to Overlay Managers as concurrently as practicable with commencing trading with respect to the Managed Accounts we manage on a discretionary basis; the Overlay Managers have discretion to accept or reject our recommended model portfolio changes and will execute trades in accordance with the Overlay Manager's policies and procedures, which may result in trades for Overlay Manager clients being effected before, after or at the same time as trades for other Federated MDTA LLC clients. Managed Account Programs that require directed brokerage/trading (and other clients who direct brokerage/trading) may instruct that client transactions be executed through specific brokers/dealers. Except as discussed below, the other Federated Advisory Companies have adopted similar policies.

Due to operational, technological and other reasons, Federated MDTA LLC's related persons (*e.g.*, the other Federated Advisory Companies) do not utilize the same rotation approach as Federated MDTA LLC. These other Federated Advisory Companies have policies in place which are reasonably designed to commence trade execution as concurrently as practicable, or otherwise in a fair and equitable manner, address potential conflicts of interest and protect client interests. Various factors, however, may result in trades for a client not being aggregated with aggregated trades for the other Federated Advisory Companies and clients of the other Federated Advisory Companies receiving a different price, either higher or lower, for the same security. For example, certain operational differences inherent in the trade execution process result in trades for certain clients (such as Managed Accounts and other accounts managed to the same model portfolio as Managed Accounts) being effected before, after or at the same time as trades for Federated MDTA LLC's other clients. Taking these scenarios and factors into account, Federated MDTA LLC, and the other Federated Advisory Companies, have procedures in place which we believe are consistent with our duty to seek to obtain best execution of client trades and designed to treat clients fairly and prevent clients from being systematically favored or disadvantaged.

#### Federated Global Investment Management Corp. (Including its Federated Clover Investment Advisors Division)

With respect to most investment strategies, Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) has policies in place which are reasonably designed to commence trade execution as concurrently as practicable, or otherwise in a fair and equitable manner, for Managed Accounts and other client accounts (*e.g.*, institutional and high net worth Separate Accounts and Investment Companies) at different trading desks. When Federated Global Investment Management Corp. is providing discretionary advisory services to Managed Account clients, purchases and sales of securities generally are processed on a rotational basis by the Managed Account Program Sponsor and Program. With respect to Federated Global Investment Management Corp.'s equity investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, Federated Global Investment Management Corp. includes the Overlay Managers in the trade rotation process for its discretionary Managed Accounts and Federated Global Investment Management Corp. currently communicates model changes to the Overlay Managers during the Overlay Manager's turn in the trading rotation.

With respect to certain Managed Account strategies, including the large cap growth equity strategy and the small cap value strategy of the Federated Clover Investment Advisors division, Federated Global Investment Management Corp. rebalances or optimizes portfolios on a periodic basis, on schedules that generally differ by strategy. Based on market or other events or circumstances, securities may also be sold prior to a scheduled rebalancing. Trading for these strategies is performed by personnel that do not coordinate trading with personnel responsible for trading other client accounts. Consequently, Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) may purchase or sell securities for Managed Accounts on different days than it does for other accounts and, in certain circumstances, on the same day before or after trades for such other accounts. Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) will periodically review trading to seek to identify, and if necessary address, any material impact on performance created by these trading practices.

The Federated Clover Investment Advisors division also has established a policy whereby purchases and sales of securities for certain institutional and high net worth Separate Accounts, and certain Investment Companies advised by the Federated Clover Investment Advisors division (Group A) are eligible for cross trades and trade aggregation with accounts (including, among others, Investment Companies) of other Federated Advisory Companies that are traded utilizing the same trade management system. Certain other institutional and high net worth Separate Accounts managed by the Federated Clover Investment Advisors division (Group B) will be eligible for trade aggregation solely amongst themselves with the exception of initial public offerings. All trades for accounts within Group B will be allocated on a random or pro-rata basis. However, with respect to initial public offering trades, all accounts managed by the Federated Clover Investment Advisors division may be aggregated with accounts of the other Federated Advisory Companies. Trades for a client that has directed use of a particular broker or dealer are typically placed at the end of aggregated trading activity. There can be no assurance that each client will receive the same price for a security, and, depending upon the circumstances, different clients may receive different prices, either higher or lower, for the same security.

#### Federated Investment Counseling

Except as discussed below, when Federated Investment Counseling is providing discretionary advisory services to Managed Account clients, purchases and sales of securities generally are processed on a rotational basis by Managed Account Program Sponsor and Program. With respect to Federated Investment Counseling's equity investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, Federated Investment

Counseling includes the Overlay Managers in the trade rotation process for its discretionary Managed Accounts and Federated Investment Counseling currently communicates model changes to the Overlay Managers during the Overlay Manager's turn in the trading rotation. In implementing Federated Investment Counseling's trade rotation process, Federated Investment Counseling may allot a period of time, which may be adjusted periodically, for a Sponsor or Overlay Manager to arrange executions for accounts before moving to the next Sponsor's or Overlay Manager's turn in the rotation process. With respect to Federated Investment Counseling's fixed income investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, given the operational aspects inherent in trading fixed income securities, decisions with respect to changes in fixed income model portfolios depend upon the availability of fixed income securities in the market; as a result, Federated Investment Counseling communicates fixed income model changes to Overlay Managers as concurrently as practicable (outside of its trade rotation process) with commencing trading with respect to the Managed Accounts it manages on a discretionary basis. This fact generally results in fixed income model changes being communicated to Overlay Managers promptly after Federated Investment Counseling's discretionary fixed income trading has commenced.

Clients also should be aware that conflicts of interest arise because portfolio decisions regarding one client's account may impact the accounts of the other clients. If authorized under an investment management agreement, Federated MDTA LLC or other Federated Advisory Companies may (a) participate in bankruptcy proceedings or join creditor committees on behalf of some or all of our or their clients with respect to securities or other assets held in client accounts, (b) participate in other litigation, actions or decisions involving securities or other assets held in client accounts, or (c) otherwise pursue or enforce rights available to creditors with respect to a security held in a client's account. For example, we may seek to enforce rights with respect to a security of an issuer in which a client's assets have been invested, and those activities may potentially have an adverse effect on that or other securities of that issuer held in client accounts. As a result, prices, availability, liquidity and other investment terms may be negatively impacted by such activities, and transactions for client accounts may be impaired or effected at prices or on terms that may be different (including less favorable) than would otherwise have been the case.

**Item 8 Section A ("Methods of Analysis, Investment Strategies and Risk of Loss - Basic Information"):** This section has been revised to reflect updates to the definition of an issuer of foreign securities, acceptable investments of cash collateral in securities lending transactions, and the addition of large shareholder risk disclosure. The cybersecurity disclosure in this section has also been revised. Accordingly, the relevant parts of this Section have been restated as follows:

Federated MDTA LLC employs fundamental analysis and uses bottom-up stock selection with a disciplined quantitative process. The process selects stocks based on fundamental variables, controls risk through diversification constraints, and controls turnover by taking into account the impact of trading costs. A risk in using quantitative analysis is that the models used may be based on assumptions that prove to be incorrect. (Please refer to "Our Advisory Services" in Item 4 of this brochure for further information regarding our quantitative investment process.)

Federated MDTA LLC provides our advisory services consistent with:

- The terms of the relevant investment management agreement(s) applicable to the management of a client's assets;
- Any information provided to us regarding a client's investment objectives or guidelines, or a client's financial condition;
- Any reasonable investment restrictions imposed by a client;
- The investment objectives, strategies, policies and limitations of clients provided to us; and/or
- Our knowledge of restrictions imposed under applicable law on the management of a client's assets.

Subject to the considerations identified in the above bullet points, we may recommend, invest and reinvest a client's assets in a variety of securities and other investments. These securities and other investments may include, among other securities or other investments permitted under client investment guidelines:

- Equity securities;
- Foreign securities;
- Repurchase agreements;
- Reverse repurchase agreements;

- Mutual fund shares (including shares of Investment Companies, Private Investment Companies and Pooled Investment Vehicles advised or sub-advised by Federated MDTA LLC or other Federated Advisory Companies and distributed by Federated Securities Corp.); and/or
- Exchange Traded Funds.

We primarily provide advice with respect to equity, rather than fixed income or money market, investment strategies. Also, while the investment objectives, guidelines and restrictions/limitations for certain client accounts or investment products may permit the use of derivatives and hybrid instruments (including, for example, (1) for duration and/or volatility management, (2) for performance enhancement through the purchase of options, or (3) for offsetting changes in securities value caused by currency movement by use of currency hedges), we would need to make alterations to our normal investment process to facilitate the use of derivatives; accordingly, we currently do not enter into derivatives and hybrid instruments on behalf of our clients. Equity securities (which are discussed in more detail below) represent a share of an issuer's earnings and assets, after the issuer pays its liabilities. Client investment objectives, guidelines and restrictions/limitations also may permit firm or standby commitments to purchase securities on delayed delivery transactions, and asset segregation may be required by client investment guidelines or applicable law. Money market securities are short-term, liquid, high-quality securities that are eligible for investment by money market Investment Companies under SEC Rule 2a-7 under the Investment Company Act. Derivative contracts are financial instruments that generally require payments based upon changes in the values of designated securities, commodities, currencies, indices or other assets or instruments, including other derivative contracts. Hybrid instruments combine elements of two different kinds of securities or financial instruments (such as a derivative contract). Investments in fixed income securities, money market securities, derivative contracts and hybrid instruments involve investment risk. Investments in derivative contracts and hybrid instruments also involve risks different from, and possibly greater than, the risks of investing directly in securities and other traditional investments. If we manage an investment account or product pursuant to a balanced or other investment strategy that permits investments in fixed income or money market securities, we generally engage another investment adviser (which may be another affiliated Federated Advisory Company) to act as sub-adviser with respect to the fixed income or money market component of the investment strategy. Fixed-income securities pay interest, dividends or distributions at a specified rate. Similarly, if derivative contracts or hybrid instruments are to be utilized in connection with a particular investment strategy or investment account or product, another subadviser (which may be another affiliated Federated Advisory Company) generally would be engaged, unless we alter our normal investment process. In these cases, clients should refer to any brochure for the applicable sub-adviser for further information on fixed income or money market securities, and/or derivative contracts or hybrid instruments, and the risks related to investing in those types of investments.

While we primarily provide advice with respect to equity investment strategies, we do not recommend primarily a particular type of security, and our advice is not limited to the above list of securities and other investments. For example, in addition to the investments in the securities and other investments identified above, other investment techniques that Federated MDTA LLC may employ include long term purchases, short term purchases, trading, short sales, and margin transactions. We also may effect certain other types of investment-related transactions involving a client's assets, such as securities lending.

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## **Foreign Securities**

Foreign securities are securities of issuers based outside the United States. To the extent a Fund invests in securities included in its applicable broad-based securities market index, the Fund may consider an issuer to be based outside the United States if the applicable index classifies the issuer as based outside the United States. Accordingly, the Fund may consider an issuer to be based outside the United States if the issuer satisfies at least one, but not necessarily all, of the following:

- It is organized under the laws of, or has its principal office located in, another country;
- The principal trading market for its securities is in another country;
- It (directly or through its consolidated subsidiaries) derived in its most current fiscal year at least 50% of its total assets, capitalization, gross revenue or profit from goods produced, services performed, or sales made in another country; or
- It is classified by an applicable index as based outside the United States.

Foreign securities are primarily denominated in foreign currencies. Types of foreign securities include, for example, depository receipts, American depository receipts, domestically traded securities of foreign issuers, foreign exchange contracts, and foreign government securities. Along with the risks normally associated with domestic securities of the same type, foreign securities are subject to currency risks and risks of foreign investing. Trading in certain foreign markets is also subject to liquidity risks.

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### **Securities Lending**

To the extent permitted, we may lend a client account's portfolio securities to borrowers that we deem creditworthy. In return, the account receives cash or liquid securities from the borrower as collateral. The borrower must furnish additional collateral if the market value of the loaned securities increases. Also, the borrower must pay the account the equivalent of any dividends or interest received on the loaned securities. We will reinvest cash collateral for a client's account in securities that qualify as an acceptable investment for the account. However, the account must pay interest to the borrower for the use of cash collateral. An acceptable investment into which the Fund may reinvest cash collateral includes, among other acceptable investments, securities of affiliated money market funds (including affiliated institutional prime money market funds with a "floating" net asset value that can impose redemption fees and liquidity gates, impose certain operational impediments to investing cash collateral, and, if net asset value decreases, result in the Fund having to cover the decrease in the value of the cash collateral. Loans are subject to termination at the option of the account or the borrower. The account will not have the right to vote on securities while they are on loan. However, we will attempt to terminate a loan in an effort to reacquire the securities in time to vote on matters that we deem to be material. There can be no assurance that we will have sufficient notice of such matters to be able to terminate the loan in time to vote thereon. An account may pay administrative and custodial fees in connection with a loan and may pay a negotiated portion of the interest earned on the cash collateral to a securities lending agent or broker. Securities lending activities are subject to interest rate risks and credit risks. These transactions also may create leverage risks.

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### **Large Shareholder**

When an Investment Company, Private Investment Company or Pooled Investment Vehicle is first launched, or is being liquidated, and potentially at certain other times during their existence, a significant percentage of an Investment Company's, Private Investment Company's or Pooled Investment Vehicle's shares may be owned or controlled by a large shareholder, such as other funds or accounts, including those of which the Adviser or an affiliate of the Adviser may have investment discretion. Accordingly, the Investment Company, Private Investment Company or Pooled Investment Vehicle can be subject to the potential for large scale inflows and outflows as a result of purchases and redemptions made by significant shareholders. These inflows and outflows could be significant and, if frequently occurring, could negatively affect the Investment Company's, Private Investment Company's or Pooled Investment Vehicle's net asset value and performance and could cause them to sell securities at inopportune times in order to meet redemption requests.

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### **Cybersecurity**

Like Other Advisers and business enterprises, Federated MDTA LLC business relies on the security and reliability of information and communications technology, systems and networks. The Adviser uses digital technology, including, for example, networked systems, email and the Internet, to conduct business operations and engage clients, customers, employees, products, accounts, shareholders, and relevant service providers, among others. The Adviser, as well as certain service providers, also generate, compile and process information for purposes of preparing and making filings or reports to governmental agencies, and a cybersecurity attack or incident that impacts that information, or the generation and filing processes, may prevent required regulatory filings and reports from being made. The use of the Internet and other electronic media and technology exposes the Adviser, its clients, and its service providers, and their respective operations, to potential risks from cybersecurity attacks or incidents (collectively, "cyber-events").



Cyber-events can result from intentional (or deliberate) attacks or unintentional events by insiders or third parties, including cybercriminals, competitors, nation-states and “hacktivists,” among others. Cyber-events may include, for example, phishing, use of stolen access credentials, unauthorized access to systems, networks or devices (such as, for example, through “hacking” activity), structured query language attacks, infection from or spread of malware, ransomware, computer viruses or other malicious software code, corruption of data, and attacks (including, but not limited to, denial of service attacks on websites) which shut down, disable, slow, impair or otherwise disrupt operations, business processes, technology, connectivity or website or internet access, functionality or performance. Like other Advisers and business enterprises, the Adviser and its service providers have experienced, and will continue to experience, cyber-events consistently. In addition to intentional cyber-events, unintentional cyber-events can occur, such as, for example, the inadvertent release of confidential information. To date, cyber-events have not had a material adverse effect on the Adviser’s business, results of operation, financial condition and/or cash flows.

Cyber-events can affect, potentially in a material way, the Adviser’s relationships with its clients, customers, employees, products, accounts, shareholders and relevant service providers. Any cyber-event could adversely impact the Adviser and its clients and service providers and cause the Adviser to incur financial loss and expense, as well as face exposure to regulatory penalties, reputational damage and additional compliance costs associated with corrective measures. A cyber-event may cause the Adviser, or its service providers, to lose proprietary information, suffer data corruption, lose operational capacity (such as, for example, the loss of the ability to process transactions or other disruptions to operations), and/or fail to comply with applicable privacy and other laws. Among other potentially harmful effects, cyber-events also may result in theft, unauthorized monitoring and failures in the physical infrastructure or operating systems that support the Adviser and its service providers. Federated MDTA LLC may incur additional, incremental costs to prevent and mitigate the risks of such cyber-events or incidents in the future. The Adviser and its relevant affiliates have established practices and systems reasonably designed to seek to reduce the risks associated with cyber-events. The Adviser employs various measures aimed at mitigating cybersecurity risk, including, among others, use of firewalls, system segmentation, system monitoring, virus scanning, periodic penetration testing, employee phishing training, and an employee cybersecurity awareness campaign. Among other vendor management efforts, Federated MDTA LLC also conducts due diligence on key service providers (or vendors) relating to cybersecurity. The Federated Advisory Companies have established a committee to oversee Federated MDTA LLC’s information security and data governance efforts and updates on cyber-events and risks are reviewed with relevant committees, as well as the Adviser’s parent company’s Boards of Directors, on a periodic (generally quarterly) basis (and more frequently when circumstances warrant) as part of risk management oversight responsibilities. However, there is no guarantee that the efforts of the Adviser or its affiliates, or other service providers, will succeed, either entirely or partially, as there are limits on Federated MDTA LLC’s ability to prevent or mitigate cyber-events. Among other reasons, the cybersecurity landscape is constantly evolving, the nature of malicious cyber-events is becoming increasingly sophisticated. The Adviser, and its relevant affiliates, cannot control the cybersecurity practices and systems of issuers or third-party service providers.

**Item 10 Section A (“Other Financial Industry Activities and Affiliations - Relationships with Brokers/Dealers”): This section has been updated to include information related to the activities and management persons of Federated International Securities Corp. Accordingly, the Section has been restated as follows:**

As discussed under “Sales Compensation” in Item 5 of this brochure, Federated MDTA LLC is an affiliate through common ownership with Federated Securities Corp., a dually-registered investment adviser, municipal securities dealer and broker/dealer and with Federated International Securities Corp an investment adviser expected to register as a broker/dealer in 2018. These registrations do not imply a certain level of skill or training.

Federated Securities Corp., Federated Investors Tower, 1001 Liberty Avenue, Pittsburgh, PA 15222, acts as distributor of the registered Investment Company and Private Investment Company clients of Federated MDTA LLC and affiliated advisers (*i.e.*, the other Federated Advisory Companies) and as placement agent for Pooled Investment Vehicle clients of Federated MDTA LLC and other Federated Advisory Companies. Federated International Securities Corp., Federated Investors Tower, 1001 Liberty Avenue, Pittsburgh, PA 15222, upon its registration as a broker/dealer, may act as placement agent for Pooled Investment Vehicle clients of other Federated Advisory Companies. Federated Securities Corp.’s and Federated International Securities Corp.’s employees are registered representatives of Federated Securities Corp. and expected to become registered representatives of Federated International Securities Corp., respectively and are salaried employees. As discussed under “Sales Compensation” in Item 5 of this brochure, employee-representatives of

Federated Securities Corp. and of Federated International Securities Corp. serve as sales people for, and provide certain investment advice on behalf of, Federated MDTA LLC, and are supervised persons of Federated MDTA LLC.

(Please refer to “Sales Compensation” in Item 5 of this brochure for additional information regarding Federated Securities Corp.’s and Federated International Securities Corp.’s other activities and related arrangements).

The following management persons of Federated MDTA LLC are registered representatives of Federated Securities Corp.:

- J. Christopher Donahue, Director, Chairman
- Gordon J. Ceresino, Vice Chairman
- Stephen Van Meter, Chief Compliance Officer

The following management persons of Federated MDTA LLC are registered financial and operations principals of Federated Securities Corp.:

- Richard A. Novak, Treasurer
- Jeremy D. Boughton, Assistant Treasurer

Upon its registration as a broker/dealer, the following management persons of Federated MDTA LLC are expected to become registered representatives of Federated International Securities Corp.:

- Gordon J. Ceresino, Vice Chairman
- Stephen Van Meter, Chief Compliance Officer

Upon its registration as a broker/dealer, the following management persons of Federated MDTA LLC are expected to become registered financial and operations principals of Federated International Securities Corp.:

- Richard A. Novak, Treasurer
- Jeremy D. Boughton, Assistant Treasurer

Federated MDTA LLC also has certain related persons who are general partners, members or trustees of certain family limited partnerships, limited liability companies or trusts or similar family entities. From time to time, these family entities may invest in companies (such as a broker-dealer) that participate in the financial services industry.

(Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

**Item 10 Section C.2 (“Other Financial Industry Activities and Affiliations - Relationships with Certain Related Persons - Other Investment Advisers”): Federated International Securities Corp. has been added to the list of SEC-registered advisers in this section. Consequently, the relevant portion of the Section has been restated as follows:**

Federated Investors, Inc. is the ultimate parent company for the following investment advisers:

SEC-Registered Advisers

(i.e., Federated MDTA LLC and the other Federated Advisory Companies)

- Federated MDTA LLC;
- Federated Investment Counseling;
- Federated Advisory Services Company;
- Federated Equity Management Company of Pennsylvania;
- Federated Global Investment Management Corp.;
- Federated Investment Management Company;
- Federated Securities Corp.;

- Federated International Securities Corp.; and
- Federated Investors (UK) LLP

**Item 12 Section A.3.b (“Brokerage Practices - Selection Criteria for Brokers/Dealers - Directed Brokerage - Managed Account Programs”): Disclosure regarding Federated MDTA LLC’s trading practices with respect to fixed income securities held in Managed Account Programs has been updated. Accordingly, the Section has been restated as follows:**

Certain Managed Account Programs do not expressly direct the use of a particular broker/dealer, but are structured in such a way (in terms of fees and other factors) that transactions are typically executed through the program sponsor or other brokers/dealers affiliated with the programs, consistent with the duty to seek best execution. In certain circumstances, Federated MDTA LLC and other Federated Advisory Companies will execute transactions with other brokers/dealers in pursuit of best execution.

As discussed in more detail under “Fees and Compensation” in Item 5 of this brochure, clients participating in Managed Account Programs generally pay a single fee or fees to cover investment management, custody and brokerage commissions for transactions effected through the Sponsor or other broker/dealer identified with the specific Managed Account Program. Brokerage commissions in Managed Account Programs are generally determined by the designated broker/dealer and included in the Managed Account Program fee. Transactions executed through other brokers/dealers would typically result in additional charges to the client account. Thus, in a traditional Managed Account Program, given the wrapped fee, we generally are not in a position to negotiate commission rates with the brokers/dealers or to aggregate trades with other client accounts for execution purposes (except that we may aggregate trades for accounts within each separate Managed Account Program). However, to the extent permitted by the Managed Account Program and consistent with the policies discussed under the heading “Selection Criteria for Brokers/Dealers” in Item 12 of this brochure, Federated MDTA LLC will execute transactions with other brokers/dealers in pursuit of best execution, which transactions may be aggregated with trades for other client accounts. For example, among other instances where we can trade away, we may execute time-sensitive orders with other brokers/dealers consistent with our obligation to seek best execution; these brokers/dealers may or may not waive or reduce commission costs in exchange for high trade volumes. In addition, in lieu of purchasing or selling ADRs, we may exchange ADRs for local shares or local shares for ADRs directly with an ADR’s Sponsor. Although such exchanges typically do not incur commissions, they may incur certain other fees or administrative costs. As a result of these transactions, Managed Account Program clients typically bear additional brokerage expenses in addition to the single fee associated with such programs. Federated MDTA LLC will typically execute transactions in fixed income securities with other broker/dealers; the extent to which Federated MDTA LLC will execute transactions in other types of securities with other broker/dealers will vary over time and by account.

Similar to Separate Accounts, Managed Account clients (either directly or through the Managed Account Program Sponsor or Platform Provider) may also expressly limit Federated MDTA LLC’s discretionary authority, including directing us to use a particular broker/dealer to execute portfolio transactions. In such a case, we may not be in a position to negotiate commission rates or spreads or obtain volume discounts, and such transactions may not be aggregated with orders for the same securities of other accounts managed by Federated MDTA LLC. (Please refer to “Separate Accounts and Other Investment Advisory Services” in this section for further information on the consequences of directing brokerage/trading.)

**Item 12 Section E (“Brokerage Practices - Error Resolution”): This section has been revised to clarify Federated MDTA LLC’s treatment of errors. Accordingly, the Section has been restated as follows:**

Federated MDTA LLC has adopted written policies and procedures that we believe are reasonably designed to identify and resolve errors that we make in the trade execution and management process (“Trade Errors”). We will evaluate any exception made in the process of managing or placing an order for, or executing a security transaction on behalf of, a client account over which we have investment discretion to determine if it is a Trade Error. Regarding Model Portfolio Management Services, we also will evaluate any exception that we make in the process of providing a model recommendation to an Overlay Manager in a program to determine if it is a model delivery error (collectively, as applicable, with Trade Errors, “Errors”). Consistent with our policies and procedures, and our obligations under applicable law, we strive to identify and resolve Errors that we make promptly, document such Errors, take reasonable steps to seek to prevent the reoccurrence of such Errors and treat clients fairly in resolving such Errors. Where a single

Error that we make results in multiple transactions in a client account, gains and losses on these transactions may be netted in evaluating the net impact of such an Error.

**Item 14 Section A (“Client Referrals and Other Compensation - Arrangements Involving Receipt of Economic Benefits from Non-Clients”): Information regarding Federated International Securities Corp. has been added to this section. This discussion of allocation and weighting of investment performance when calculating compensation has also been revised. Accordingly, the Section has been restated as follows:**

As discussed under “Brokerage Practices” in Item 12 of this brochure, some brokers or dealers that execute portfolio transactions for Federated MDTA LLC and our affiliates (*e.g.*, certain other Federated Advisory Companies) and their clients, may furnish Research and Brokerage Services which may be used by us and our affiliates in advising Investment Companies, Private Investment Companies, Pooled Investment Vehicles, Separate Accounts, Managed Accounts and other accounts. To the extent that receipt of these services and software may supplant services for which we or our affiliates might otherwise have paid, expenses would be reduced.

As discussed under “Our Advisory Services” in Item 4 of this brochure, Federated MDTA LLC and our affiliates (*e.g.*, certain other Federated Advisory Companies) act as portfolio managers in Managed Account Programs. In Managed Account Program arrangements, we, and certain of our affiliates, receive fees from Sponsors to the Managed Account Programs, or Related Platform Providers, for services rendered to Managed Account Program participants. To the extent that the Sponsor or Platform Provider is not considered a client, and Managed Account Program participants may be deemed to be clients, we, and certain of our affiliates, could be viewed as receiving cash from a non-client in connection with advice given to Managed Account Program participants. Similarly, we, and certain of our affiliates, receive fees for investment advisory services provided to sub-advisory clients from the primary advisers for those clients.

As discussed under “Sales Compensation” in Item 5 of this brochure, Federated MDTA LLC and certain other Federated Advisory Companies have entered into a written agreement with our affiliate, Federated Securities Corp., a registered broker-dealer, municipal securities dealer, and investment adviser as well as with Federated International Securities Corp., an investment adviser expected to register as a broker/dealer in 2018. Under these arrangements, employee-representatives of Federated Securities Corp. or Federated International Securities Corp. may also serve as sales people for the investment services and products sponsored by Federated and investment advisory services offered by Federated MDTA LLC and certain of the other Federated Advisory Companies. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, act in the capacity of solicitors for Federated MDTA LLC and certain other Federated Advisory Companies. In certain cases, Federated Securities Corp. or Federated International Securities Corp., and their employee-representatives, also provide advice on behalf of us and other Federated Advisory Companies to the institutional, high-net worth, separately managed account/wrap fee account and other clients of Federated MDTA LLC and other Federated Advisory Companies. Federated Securities Corp. and Federated International Securities Corp. receive compensation from us and such other Federated Advisory Companies (in the form of an intercompany credit) for performing these activities on our and their behalf. Federated Securities Corp.’s or Federated International Securities Corp.’s employee-representatives also may receive compensation from Federated Securities Corp. or from Federated International Securities Corp. for performing such solicitation and other functions. In connection with these services, under applicable guidance issued by the SEC, Federated Securities Corp.’s and Federated International Securities Corp.’s relevant regulatory history, if any, is required to be disclosed to clients and potential clients.

Employees and supervised persons of Federated MDTA LLC and/or our affiliates (*e.g.*, the other Federated Advisory Companies) also may receive salaries, bonuses and certain sales awards, such as travel and entertainment, from Federated Investors or other affiliates. For example, Federated Securities Corp.’s or Federated International Securities Corp.’s employee-representatives are salaried employees of Federated Securities Corp. or of Federated International Securities Corp., respectively and receive no commission, fees or other remuneration in connection with individual securities transactions. Bonuses may be based on a number of factors, including mutual fund/account sales, net sales, increase in average annual assets and/or revenue of assigned accounts/investment products or territories, and, for certain sales managers, Federated Investors, Inc.’s overall financial results. Certain employee-representatives may be eligible to receive a portion of their annual bonus in cash or a combination of cash and restricted stock of Federated Investors, Inc. Finally, investment professionals may receive a fixed-base salary and a variable annual incentive or bonus. Base salary is determined within a market competitive, position-specific salary range, based on the portfolio manager’s experience and performance. The annual incentive amount or bonus is determined based primarily on the performance of the investment accounts, strategies and/or funds/products managed by the investment professional and may be paid

entirely in cash, or in a combination of cash and restricted stock of Federated Investors. There also can be a discretionary component based on a variety of factors, including, among others, financial measures and performance. The allocation or weighting given to the performance of any account, strategy and/or fund/product when compensation is calculated, can vary. The performance of any such account, strategy and/or fund/product may or may not represent a significant portion of the calculation at any point in time (and may be adjusted periodically). Investment performance is based on a variety of factors including performance versus account, strategy and/or fund/product specific benchmarks. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.) Such employees and supervised persons also may receive certain entertainment and gifts from third parties to the extent permitted under Federated MDTA LLC’s, and the other Federated Advisory Companies’, Code of Ethics. (Please refer to “Our Code of Ethics” in Item 11 of this brochure for further information on Federated MDTA LLC’s Code of Ethics.)

We also may be provided with office space, phone systems, computer systems, internet and other administrative, clerical and technical support from or through our ultimate parent company, Federated Investors, Inc., or its affiliates.

Arrangements in which Federated MDTA LLC or our related persons receive economic benefits from non-clients create conflicts of interest for us and our related persons. We, and our employees and supervised persons, have an incentive to favor these non-clients over the interests of our clients. For example, we, and our employees and supervised persons, have an incentive to utilize the services of a particular broker/dealer, or recommend a particular security to or buy a particular security for, a client account based on economic benefits received from the broker/dealer or issuer or placement agent.

(Please refer to “Sales Compensation” in Item 5 of this brochure for additional information regarding these arrangements.) Conflicts of interest also arise in connection with certain portfolio manager or other employee and supervised person compensation arrangements. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.)

**Item 17 (“Voting Client Securities”): The summary of our proxy voting policies and procedures has been restated in its entirety:**

We will accept the authority to vote proxies with respect to securities held in client accounts to which we provide discretionary investment advisory services. The scope of our authority to vote proxies typically is set forth in our investment management agreements with our clients or, in the case of Managed Accounts, in our agreements with the Managed Account Program Sponsors and Platform Providers and the client’s Managed Account documentation. With respect to Model Portfolio Management Services and other non-discretionary investment advisory services, we typically will not vote proxies. However, we may provide voting recommendations to such clients or Managed Account Program Sponsors, Platform Providers and Overlay Managers.

Federated MDTA LLC has adopted proxy voting policies and procedures. Federated MDTA LLC’s general policy is to cast proxy votes in favor of management proposals and shareholder proposals that we anticipate will enhance the long-term value of the securities being voted.

Federated MDTA LLC also generally votes consistently on the same matter when securities of an issuer are held by multiple client portfolios, unless Federated MDTA LLC has received explicit voting instructions from a client to vote differently on behalf of its portfolio.

To the extent that we have accepted authority to vote securities in a client’s account, a client generally can direct how Federated MDTA LLC votes with respect to a particular solicitation. A client wishing to do so should submit a written instruction to us at the address specified for notices in the client’s investment management agreement with us. Managed Account Program clients may be required to submit a written instruction to the Managed Account Program Sponsor or Platform Provider. Federated MDTA LLC will endeavor to vote in accordance with any such written instructions that are timely communicated to Federated MDTA LLC and received by us reasonably in advance of the time that we, or our proxy voting service, votes with respect to a particular solicitation.

Conflicts of interest arise from time to time between the interests of Federated MDTA LLC and/or our affiliates (e.g., the other Federated Advisory Companies), and the interests of our clients. Federated MDTA LLC has adopted procedures to address situations where a matter on which a proxy is sought may present a potential conflict between the interests of the client and those of Federated MDTA LLC or our affiliates. If such potential material conflicts of interest do arise, Federated MDTA LLC will analyze and document them and shall ultimately vote the relevant proxies in what Federated MDTA LLC believes to be the best long-term economic interests of its clients. The Federated Proxy Voting Committee is responsible for monitoring and reporting with respect to such potential material conflicts of interest.

If we do not have the authority to vote proxies for a client's account, a client generally will receive proxies or other solicitations from their custodian, transfer agent or other intermediary. If we inadvertently receive a proxy or other solicitation, we will endeavor to return it promptly to the custodian, transfer agent or other intermediary (e.g., a proxy aggregator or, for Managed Accounts, from the Managed Account Program Sponsor or Platform Provider if different from the custodian) for the client's account, although there is no guarantee that it would be returned either by us or the intermediary prior to the voting deadline for the solicitation. The client can still ask us questions regarding the particular solicitation by sending us the question in writing at the address specified below. We will endeavor to respond to questions in a timely manner, but there is no guarantee that a response will be received by the client prior to the voting deadline for the solicitation.

We will furnish a copy of our proxy voting policies and procedures to any client upon such client's written request. A client can additionally request at any time a record of all votes cast for its portfolio. The record reflects the proxy issues that we voted for the client during the past year, as well as the position taken with respect to each issue. Written requests should be sent to:

Investment Administration-Proxy Services  
c/o Federated MDT Advisers  
125 High Street  
Oliver Street Tower, 21st Floor  
Boston, Massachusetts 02110

**Certain Other Changes:**

**Item 4 Section C.1 ("Advisory Business - Our Advisory Services - Investment Supervisory Services"):**  
**Additional information regarding how Federated MDTA LLC tailors its Investment Supervisory Services, and which Managed Account clients may qualify as "eligible investors" has been added. Accordingly, the Section has been restated as follows:**

Federated MDTA LLC provides continuous and regular investment supervisory or management services (Investment Supervisory Services) pursuant to which we have discretionary authority over a client's assets and provide ongoing supervisory or management services with respect to the client's assets. Such discretionary authority generally does not require prior client consultation.

We may also provide Investment Supervisory Services when we do not have discretionary authority over a client's assets, but we have ongoing responsibility to select and make recommendations to a client as to specific securities or other investments that may be purchased or sold for a client's account. Under these arrangements, if our recommendations are accepted by the client, we are responsible for arranging or effecting the purchase or sale of such securities or other investments.

We strive to tailor our Investment Supervisory Services to the individual needs of our clients. We generally discuss investment strategy and permissible investment with clients during the account set-up process. We generally permit clients to impose reasonable restrictions on investment in certain securities or types of securities. A restriction is reasonable if, in our judgment, the restriction does not impose any material or significant impairment on our ability to manage a client's assets in accordance with the investment strategy and guidelines established for that client's account. We review a client's investment guidelines and discuss them with the client. Following approval, relevant rules and restrictions are inputted into our trade management system. We also intend to perform our Investment Supervisory Services in accordance with SEC Rule 3a-4 under the Investment Company Act of 1940 (Investment Company Act) to the extent required under applicable law or the terms of a client's investment management agreement(s) (Please refer to

“Methods of Analysis, Investment Strategies and Risk of Loss” in Item 8 and “Investment Discretion” in Item 16 of this brochure for further information on our methods of analysis, investment strategies, and related risks).

Investment Supervisory Services provided to Managed Accounts and our Model Portfolio Management Services are not intended for use with respect to any collective fund, Investment Company, Private Investment Company, other Pooled Investment Vehicle or unitized accounts/vehicles without written consent of Federated MDTA LLC.

In connection with the Investment Supervisory Services that Federated MDTA LLC provides, we generally are responsible for providing investment research and investment evaluation services. We may also provide certain reports to our clients. Additional information, including performance reports prepared in compliance with Global Investment Performance Standards (GIPS), is available at [FederatedInvestors.com](http://FederatedInvestors.com).

When acting in our capacity as investment adviser to Investment Companies and certain Proprietary Accounts, Federated MDTA LLC provides investment research and supervises the investments of our clients and conducts a continuous program of investment evaluation. We also provide advice regarding appropriate sales or other dispositions and reinvestment of such client’s portfolios. In all cases, our advice is subject to the investment objective, policies and limitations of our clients.

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#### **ITEM 4. ADVISORY BUSINESS**

This brochure explains Federated MDTA LLC's advisory business, and provides important information about us and, in certain cases, our affiliates and our related persons. As used within this section, "we" shall refer to Federated MDTA LLC, our affiliates and/or our related persons, as appropriate.

Thank you for considering Federated MDTA LLC as your investment adviser. We encourage you to read this brochure completely and carefully. You may contact us at the phone number provided on the cover page of this brochure if you have any questions or to request another copy of this brochure. You also may obtain this brochure from our website (FederatedInvestors.com) free of charge. Additional information about us, our investment adviser representatives, and our affiliates that are domestic registered investment advisers (together with us, each a Federated Advisory Company and, collectively, the Federated Advisory Companies) also is available via the SEC's website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov). These registrations do not imply a certain level of skill or training.

##### **A. How We are Organized**

We organized as a Delaware limited liability company on February 13, 1997. Our original name was HBSS Newco LLC. We first registered with the SEC as an investment adviser under the Advisers Act on November 13, 1997. This registration does not imply a certain level of skill or training.

##### **B. Our Ownership Structure**

We are an indirect, wholly-owned subsidiary of Federated Investors, Inc. Federated Investors is organized as a Pennsylvania corporation and is a publicly owned company (Ticker Symbol: FII). Federated Investors owns 100% of the outstanding voting securities of FII Holdings, Inc., a Delaware corporation. FII Holdings owns 100% of the outstanding voting securities of Federated MDTA LLC Trust, a Massachusetts business trust. Federated MDTA LLC Trust owns 100% of the outstanding voting securities of HBSS Acquisition Company, a Delaware corporation. Federated MDTA LLC Trust owns a majority (approximately 63%), and HBSS Acquisition Company holds a minority (approximately 37%), of the outstanding membership interests in Federated MDTA LLC.

Federated Investors, a public company, has shares of both Class A Common Stock and Class B Common Stock. The Class B Common Stock is listed on the New York Stock Exchange ("NYSE"). Except under certain limited circumstances, the entire voting power of Federated Investors is vested in the holder of the outstanding shares of the Class A Common Stock. All of the outstanding shares of Class A Common Stock are held by a Voting Shares Irrevocable Trust, dated May 31, 1989 (the "Voting Trust"), the three trustees of which are Federated Investors' President and Chief Executive Officer and Chairman of its Board of Directors, Mr. J. Christopher Donahue, his brother, Thomas R. Donahue, Federated's Vice President, Treasurer and Chief Financial Officer and a director, and their mother, for the benefit of the members of the Donahue family.

Federated Investors owns a number of domestic and foreign advisory subsidiaries that are under common control with, and affiliates of, Federated MDTA LLC. (Please refer to "Other Financial Industry Activities and Affiliations" in Item 10 of this brochure for further information.) The Federated Advisory Companies collectively provide advisory services to a variety of separately managed accounts or wrap fee accounts (Managed Accounts), institutional, or high net worth individual, separate accounts (Separate Accounts), registered investment companies or mutual funds (Investment Companies), private investment companies (Private Investment Companies), other pooled investment vehicles (Pooled Investment Vehicles), and proprietary accounts and funds (Proprietary Accounts). Federated Investors also owns other companies, both in the United States and in certain other countries, such as brokers/dealers, investment advisers, management companies, commodity pool operators, and trust companies.

##### **C. Our Advisory Services**

Federated MDTA LLC currently provides investment supervisory services, model portfolio management services, and other discretionary and non-discretionary investment advisory services as discussed in this brochure.

We are a quantitative investment management firm, and our investment strategies utilize our proprietary quantitative investment process. Our process strives to provide a disciplined, quantitative approach to investing in U.S. equity securities by seeking to exploit multiple market inefficiencies to outperform the appropriate benchmark with moderate

relative risk. The process consists of three main elements: portfolio selection, trading, and model construction. Portfolio selection is a bottom-up process that integrates stock selection, trading cost control, and risk control to trade portfolios daily. A model analyzes stock selection variables to assess profit trends, company valuation, and earnings risk from fundamental and behavioral perspectives. The quantitative model constructs the portfolio by considering fundamental and technical measures, analyzing expected trading costs and employing risk controls to promote diversification. Fundamental and technical measures include relative value, profit trends, capital structure and price history. The process also takes into account trading costs in an effort to ensure that trades are generated only to the extent they are expected to be profitable on an after-trading-cost basis. Additionally, risk is controlled through diversification constraints which limit exposure to individual companies as well as groups of correlated companies. These assessments combine with estimates of potential trading costs and, where applicable, tax costs in an attempt to determine the optimal portfolio subject to diversification constraints. Consistent with the process described above, investment personnel at Federated MDTA LLC review the proposed trades produced by the quantitative model in an effort to ensure that they are based on accurate and current information. If a proposed trade is deemed to be based on inaccurate or stale information, the trade decision is deferred until the model incorporates timely and accurate information. Consistent with our process, we review proposed trades produced by our computer model in an effort to ensure that they are based on accurate and current information. If a proposed trade is deemed to be based on inaccurate or stale information, the trade decision is deferred until the model incorporates timely and accurate information. Models are constructed using advanced, computer-intensive algorithms and proprietary software. The software aims to uncover non-linear relationships inherent in financial data and to test all model parameters simultaneously in a dynamic real world multi-period portfolio selection context. Updated models are released periodically. (Please refer to “Methods of Analysis, Investment Strategies and Risk of Loss” in Item 8 of this brochure for further information on our investment strategies and significant risks.)

## **1. Investment Supervisory Services**

Federated MDTA LLC provides continuous and regular investment supervisory or management services (Investment Supervisory Services) pursuant to which we have discretionary authority over a client’s assets and provide ongoing supervisory or management services with respect to the client’s assets. Such discretionary authority generally does not require prior client consultation.

We may also provide Investment Supervisory Services when we do not have discretionary authority over a client’s assets, but we have ongoing responsibility to select and make recommendations to a client as to specific securities or other investments that may be purchased or sold for a client’s account. Under these arrangements, if our recommendations are accepted by the client, we are responsible for arranging or effecting the purchase or sale of such securities or other investments.

We strive to tailor our Investment Supervisory Services to the individual needs of our clients. We generally discuss investment strategy and permissible investment with clients during the account set-up process. We generally permit clients to impose reasonable restrictions on investment in certain securities or types of securities. A restriction is reasonable if, in our judgment, the restriction does not impose any material or significant impairment on our ability to manage a client’s assets in accordance with the investment strategy and guidelines established for that client’s account. We review a client’s investment guidelines and discuss them with the client. Following approval, relevant rules and restrictions are inputted into our trade management system. We also intend to perform our Investment Supervisory Services in accordance with SEC Rule 3a-4 under the Investment Company Act of 1940 (Investment Company Act) to the extent required under applicable law or the terms of a client’s investment management agreement(s) (Please refer to “Methods of Analysis, Investment Strategies and Risk of Loss” in Item 8 and “Investment Discretion” in Item 16 of this brochure for further information on our methods of analysis, investment strategies, and related risks).

Investment Supervisory Services provided to Managed Accounts and our Model Portfolio Management Services are not intended for use with respect to any collective fund, Investment Company, Private Investment Company, other Pooled Investment Vehicle or unitized accounts/vehicles without written consent of Federated MDTA LLC.

In connection with the Investment Supervisory Services that Federated MDTA LLC provides, we generally are responsible for providing investment research and investment evaluation services. We may also provide certain reports to our clients. Additional information, including performance reports prepared in compliance with Global Investment Performance Standards (GIPS), is available at [FederatedInvestors.com](http://FederatedInvestors.com).

When acting in our capacity as investment adviser to Investment Companies and certain Proprietary Accounts, Federated MDTA LLC provides investment research and supervises the investments of our clients and conducts a continuous program of investment evaluation. We also provide advice regarding appropriate sales or other dispositions and reinvestment of such client's portfolios. In all cases, our advice is subject to the investment objective, policies and limitations of our clients.

## **2. Model Portfolio Management Services**

Federated MDTA LLC also furnishes investment advice and recommendations through the provision of model portfolios for certain of our investment strategies and provides periodic updates to the model portfolios (Model Portfolio Management Services). We typically provide these services to investment advisory firms or other managers (Overlay Managers), either directly or through turn-key asset management providers that operate platforms or programs (Platform Providers) in which Overlay Managers participate. These Overlay Managers utilize our model portfolios and periodic updates, either alone or together with other model portfolios provided by the Overlay Managers or other investment advisers, to manage the assets of the Overlay Manager's clients. We generally do not have investment discretion or trading responsibilities in such arrangements, nor do we have an advisory relationship with the Overlay Manager's clients, and do not manage model portfolios on the basis of the financial situation or investment objectives of individual clients that participate in these programs.

Investment Supervisory Services provided to Managed Accounts and our Model Portfolio Management Services are not intended for use with respect to any collective fund, Investment Company, Private Investment Company, other Pooled Investment Vehicle or unitized accounts/vehicles without written consent of Federated MDTA LLC.

## **3. Other Advisory Services**

Federated MDTA LLC provides Investment Supervisory Services to banks, trust companies and other investment advisers (collectively, Other Advisors) and to Investment Companies, Pooled Investment Vehicles and Proprietary Accounts. These services (Other Advisory Services) may include:

- Acting as an adviser or a sub-adviser for trust funds, Managed Accounts, Separate Accounts, Investment Companies, and Pooled Investment Vehicles, such as collective investment funds, common trust funds, and other investment accounts or products managed by Other Advisors; and
- Assisting Other Advisors in reviewing and managing investment accounts or products.

The process by which we implement decisions may vary based on type or size of account, restrictions of intermediary firms, applicable investment objectives, guidelines and policies, and, if applicable, client-imposed investment restrictions.

## **D. The Types of Accounts/Products We Manage**

Federated MDTA LLC provides Investment Supervisory Services, Model Portfolio Management Services and Other Advisory Services in connection with Managed Accounts, Separate Accounts, Investment Companies, Pooled Investment Vehicles, and Proprietary Accounts. The following further describes each of these types of client accounts or investment products.

### **1. Separate Accounts**

Federated MDTA LLC provides Investment Supervisory Services to high net worth and institutional investors. We provide these services pursuant to an investment management agreement with the client that describes or attaches the client's investment policy statement and/or our investment strategy or mandate pursuant to which we will manage the client's account, and the rights and responsibilities of the client in connection with the termination of the agreement. Custody of the client's assets is maintained by a qualified custodian selected by the client.

### **2. Managed Accounts**

Federated MDTA LLC participates as an investment manager or portfolio manager in certain separately managed account or wrap fee programs (Managed Accounts or Managed Account Programs) and provides Investment Supervisory Services to individuals, high net worth individuals, pension plans, charitable organizations and certain small institutional investors. Managed Account Programs generally are investment programs under which a client is charged a

single specified fee for investment advisory services (which may include portfolio management or advice concerning the selection of other investment advisers), execution of client transactions by the program's sponsor, and custodial services. However, as described in "Managed Account Programs" in Item 12 of this brochure, with respect to certain Managed Account Programs, the single Managed Account fee does not cover the cost of execution of client transactions. We receive a portion of the fees paid by the Managed Account client for our services.

In Managed Account Programs, clients (with or without the assistance of the sponsors (Sponsors) of the Managed Account Program) select or appoint Federated MDTA LLC to manage designated client assets in accordance with one or more of our investment strategies. The Sponsors of the Managed Account Programs typically are brokers/dealers, financial institutions or other investment advisory firms which sponsor, operate and administer the Managed Account Programs.

When providing Investment Supervisory Services to Managed Accounts, we typically act as a sub-adviser to the Sponsors of the Managed Account Programs. The Sponsors typically enter into investment management agreements with clients; we typically do not have direct investment management agreements with clients that participate in Managed Account Programs. Managed Account Programs may also be structured as dual contract or unbundled relationships, in which Sponsors (typically brokers/dealers) will enter into brokerage agreements with clients and Federated MDTA LLC will enter into separate investment management agreements directly with the same clients. In all cases, the Sponsors typically provide portfolio manager selection, performance monitoring and evaluation, custody, brokerage and other administrative services (or a combination of these services) to clients. We exclusively provide advisory services to Managed Account Program clients.

In certain cases, Sponsors operate their Managed Account Programs on platforms, or use systems developed and supported by Platform Providers (*i.e.*, technology companies or certain other companies or turn-key asset management providers). In these cases, we may have an agreement with the Platform Provider, and the Platform Provider has agreements with the Sponsors that utilize the Platform Provider's platform or systems.

There are certain differences between how we manage Managed Accounts and how we manage other client accounts. For example, when participating in Managed Account Programs, the Sponsor is typically responsible for determining the suitability of the Managed Account Program, including Federated MDTA LLC and our investment strategy, for the client. We typically are only responsible for managing client assets in accordance with the designated investment strategy. In certain Managed Account Programs, Sponsors and Platform Providers may limit the information that is available to us about the client, the client's other investments or risk tolerance, and other information that would be relevant to determining whether the investment strategy or certain specific investments would be suitable for the client. Likewise, we may be restricted by Sponsors and Platform Providers from communicating directly with clients; all communications, including communications with respect to the clients' investment objectives, financial condition and reasonable investment restrictions, typically must be directed through the Sponsor or Platform Provider. We also generally do not have discretion over the investment of uninvested cash; such cash is typically invested in money market mutual funds or other liquid investments selected by the client or the Sponsor. The money market mutual funds into which uninvested cash may be invested may include, in certain cases, money market mutual funds advised by Federated Advisory Companies or serviced by certain of our affiliates. This may raise certain conflicts of interest for us and our employees and supervised persons. (Please refer to "Performance-Based Fees and Side by Side Management" in Item 6 of this brochure for a discussion of these conflicts of interest.)

Federated MDTA LLC also provides Model Portfolio Management Services to Overlay Managers, Sponsors or Platform Providers that participate as managers in, sponsor or operate Managed Account Programs.

### **3. Investment Companies**

Federated MDTA LLC provides Investment Supervisory Services to Investment Companies. Investment Companies are pooled investment vehicles that are registered as investment companies under the Investment Company Act. Investment Companies issue shares that are registered, and publicly offered under, the Securities Act of 1933 (1933 Act). We may act as either an investment adviser or sub-adviser to our Investment Company clients.

#### **4. Other Pooled Investment Vehicles**

Federated MDTA LLC may provide Investment Supervisory Services to a variety of other pooled investment vehicles, including:

- Investment vehicles or funds that are domiciled outside of the United States;
- Collective funds, collective trust funds or group trusts, (collectively, collective or common funds);
- Hedge funds; and
- Privately offered investment funds that are available only to certain sophisticated investors (private funds).

These Pooled Investment Vehicles typically are exempt from registration under the Investment Company Act, and the interests in such Pooled Investment Vehicles typically are exempt from registration under the 1933 Act (although in some cases such interests may be registered under the 1933 Act or similar foreign regulation).

The investment management or other agreements governing our provision of advisory services to Pooled Investment Vehicles typically vary between clients, including with respect to termination provisions. Clients should refer to their investment management or other agreement with us for a complete understanding of their termination and other rights.

#### **5. Proprietary Accounts**

Federated MDTA LLC may from time to time provide Investment Supervisory Services to Proprietary Accounts. At any given time, we may manage Proprietary Accounts that are Managed Accounts, Separate Accounts, Private Investment Companies or Pooled Investment Vehicles. The clients, account holders, shareholders or investors in these Proprietary Accounts may include: Federated MDTA LLC, another Federated Advisory Company or affiliate, or employees of these entities.

Proprietary Accounts typically are established when we or another Federated Advisory Company are establishing an investment strategy or creating or seeding an Investment Company, Private Investment Company or other Pooled Investment Vehicle, although investment vehicles with unaffiliated investors may also be treated as Proprietary Accounts if we and/or our related persons also have a significant ownership interest in the investment vehicle.

#### **E. Our Use of “Shared Personnel” and Third-Party Service Providers**

Federated MDTA LLC shares certain managers/directors/trustees and officers with the other Federated Advisory Companies. We also share certain supervised persons with certain of the other Federated Advisory Companies. In connection with providing our advisory services to our clients, certain proxy voting services and other service providers (collectively, Service Providers) have been engaged to perform services on our behalf. These Service Providers may or may not be affiliated with us. For example, we receive certain shared services from another Federated Advisory Company, Federated Advisory Services Company, such as performance attribution and corporate action administration. We also may engage another Federated Advisory Company as a subadviser in connection with certain investment strategies. In cases where Service Providers have been engaged, we may disclose confidential information, including non-public personal information about clients, to these Service Providers for the purpose of processing transactions for and servicing clients’ accounts. We will typically only make such disclosure when the Service Provider is subject to contractual or other obligations not to misuse or publicly disclose this information.

#### **F. Our Assets Under Management**

As of December 31, 2017, Federated MDTA LLC had \$4,675,583,750 in total assets under management. As of such date, our assets under management consisted of \$3,688,467,971 of assets that we managed on a discretionary basis. These include assets for which we provided Investment Services and exercised discretionary authority or non-discretionary authority with trading responsibility and accounts over which Federated MDTA LLC shares investment discretion with another affiliated or unaffiliated adviser. As of such date, our assets under management also consisted of \$987,115,779 of assets that we managed on a non-discretionary basis. These include our Model Portfolio Management Services and other accounts for which we provided non-discretionary services and did not have trading responsibility.

## **G. Standard of Care**

Investment advisers are permitted to include performance standard provisions in their investment management agreements under certain conditions. These provisions are sometimes referred to as “hedge clauses.” Unless Federated MDTA LLC specifically agrees in writing (in an investment management agreement or otherwise) to comply with different performance standards, we provide our Investment Supervisory Services, Model Portfolio Management Services and Other Advisory Services as discussed in this brochure in accordance with the following performance standards. Our responsibility and liability relating to the provision of advisory services also is subject to the following performance standards:\*

- Federated MDTA LLC renders advisory services and/or manages client accounts in accordance with our duties and obligations under the Advisers Act, and the rules and regulations of the SEC promulgated under the Advisers Act from time to time, and other applicable law (including, if applicable, ERISA);
- Investment decisions are subject to various market, currency, economic, political and business risks. Investment decisions will not always be profitable and may subject client accounts to overall investment loss. Federated MDTA LLC does not guarantee future performance, any specific level of performance or the success of any particular investment decision or strategy;
- Federated MDTA LLC does not guarantee that any particular person will provide the investment advisory services to be provided by us;
- Federated MDTA LLC shall not be liable for (a) any act or omission of any person or entity other than Federated MDTA LLC and our affiliated companies, or (b) any act or omission taken or made by Federated MDTA LLC at the direction of any client, or Sponsor of a Managed Account Program or Platform Provider or Overlay Manager or based on inaccurate, incomplete or obsolete information provided to Federated MDTA LLC by any person or entity other than our affiliated companies; and
- Absent gross negligence, willful misconduct, bad faith or reckless disregard of our obligations on the part of Federated MDTA LLC, Federated MDTA LLC shall not be liable for any investment decision or other act or omission taken or made by us or our affiliated companies.

*\* Applicable provisions of state, federal, and, as applicable, foreign securities laws (and certain other non-waivable provisions of state, federal, and, as applicable, foreign, law, including, if applicable, ERISA), may impose liability under certain circumstances on persons or entities that act in good faith. Therefore, these performance standards are not intended to and shall not constitute a waiver or limitation of any liability that Federated MDTA LLC may have, or rights that any client, Sponsor, Platform Provider or Overlay Manager may have, under any such laws.*

As indicated above, it is important to understand that these performance standards (or any different performance standards agreed to by Federated MDTA LLC in writing (in an investment management agreement or otherwise)) do not constitute a waiver of any provision of state, federal, and, as applicable, foreign securities or other laws that by its terms, or by judicial or regulatory decisions or authority, cannot be waived. If you have any questions regarding your rights, you should consult with legal counsel or contact us. (Please refer to the cover page of this brochure for our contact information.)

## **ITEM 5. FEES AND COMPENSATION**

### **A. Our Advisory Fees**

When we are providing Investment Supervisory Services and Model Portfolio Management Services to our clients, Federated MDTA LLC typically charges and receives advisory fees determined as a percentage of either assets under management or average net assets, depending upon the type of client or account. We also may receive performance-based fees when rendering Investment Supervisory Services and Other Advisory Services to certain accounts, such as, for example, Pooled Investment Vehicles. Managing accounts for performance-based fees creates various conflicts of interest for us and our employees and supervised persons. (Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of these conflicts of interest.)

Our fees also are negotiable and may vary based on investment style and other factors. (Please refer to “Negotiation and Modification of Fees” in Item 5 of this brochure for further information.)



Except when we specifically contract with a client to receive a performance-based fee, our investment management agreements do not provide for us to receive compensation on the basis of a share of capital gains upon or capital appreciation of the assets or any portion of the assets of a client.

The following describes in more detail Federated MDTA LLC's fees and how fees are charged. To the extent that our basic fee schedules may vary depending upon the type of service we are providing or the type of client receiving the service, such variations also are discussed below.

**1. Advisory Fee Information for Separate Accounts, Managed Accounts, and Model Portfolio Management Services**

This section sets forth Federated MDTA LLC's basic fee schedules for Separate Accounts, Managed Accounts and Model Portfolio Management Services. We typically charge asset-based fees, which are determined as a percentage of assets under management (AUM). Our fee schedules may provide for "breakpoints" at which the percentage is reduced if AUM exceeds certain agreed upon amounts.

Federated MDTA LLC's compensation for Managed Accounts may be higher or lower than our compensation for Separate Accounts. While our compensation for Model Portfolio Management Services may be higher or lower than our compensation for Separate Accounts or for Managed Accounts, in certain cases, given the involvement of an Overlay Manager and the nature of the services that we provide, our compensation for providing Model Portfolio Management Services may be lower than our compensation for Separate Accounts and generally is lower than our compensation for Managed Accounts. More specific information regarding the fee arrangements applicable to Separate Accounts, Managed Accounts and Model Portfolio Services follows our basic fee schedules.

**Our Basic Fee Schedules --  
Separate Accounts, Managed Accounts, and Model Portfolio Management Services**

Federated MDTA LLC's basic fee schedules for Separate Accounts are as follows:

MDT - All Cap Core; Balanced; Large Cap Growth; Large Cap Value:

70 basis points - first \$5 million in assets under management (AUM)  
60 basis points - over \$5 million to \$25 million in AUM  
50 basis points - over \$25 million to \$50 million in AUM  
40 basis points - over \$50 million to \$100 million in AUM  
35 basis points - over \$100 million in AUM

MDT - Tax Aware/All Cap Core:

80 basis points - first \$5 million in assets under management (AUM)  
70 basis points - over \$5 million to \$25 million in AUM  
60 basis points - over \$25 million to \$50 million in AUM  
50 basis points - over \$50 million to \$100 million in AUM  
45 basis points - over \$100 million in AUM

MDT - Micro Cap:

100 basis points on all assets under management

MDT - Mid Cap Growth:

85 basis points - first \$10 million in assets under management (AUM)  
70 basis points - over \$10 million to \$50 million in AUM  
60 basis points - over \$50 million to \$100 million in AUM  
50 basis points - over \$100 million in AUM

MDT - Small Cap Core; Small Cap Growth; Small Cap Value:

85 basis points - first \$50 million in assets under management (AUM)  
75 basis points - over \$50 million to \$100 million in AUM  
60 basis points - over \$100 million in AUM  
\$10 million minimum

For certain of the investment strategies noted above where our basic fee schedule is an asset-based fee schedule based on a percentage of assets under management, we may be willing to accept a performance-based fee, which generally would be calculated as a percentage of excess performance above certain levels and described in the investment management agreement with our client, or a combination of an asset-based fee and a performance-based fee. Performance-based fees only may be charged to qualified clients as and when permitted under Section 205 of the Advisers Act and SEC Rule 205-3 promulgated under the Advisers Act. (Please refer to “Negotiation and Modification of Fees” in Item 5 of this brochure for additional information on the negotiability of our fees. Also, please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of the conflicts of interest raised by performance-based fees.)

### **Separate Accounts**

Federated MDTA LLC’s fees generally are payable in arrears at or after the end of each quarter for services rendered during the quarter and are not refundable. The value of the client’s AUM is determined as and when provided in the client’s investment management agreement with us. While not typical, we may agree with a client that the client will pay for advisory services in advance of the quarter in which such services are to be rendered. If paid in advance, our fees typically will be refunded on a pro-rated basis in the event of the early termination of the investment management agreement between such client and us. If provided for in our investment management agreement with a client, we also may refund or pro-rate our fees according to the number of days during a quarterly period if new or additional contributions to or withdrawals from the assets in client’s account that we are managing are made. Any refunding would take place as and when provided in the client’s investment management agreement with us. Federated MDTA LLC generally will continue to charge management fees during any period that a client limits our discretion over the client account.

### **Managed Accounts**

As discussed under “Advisory Business” in Item 4 of this brochure, Managed Account clients typically pay a single fee or fees (a “wrapped fee”) which cover Federated MDTA LLC’s Investment Supervisory Services (including Other Advisory Services), as well as other services provided by the Managed Account Program Sponsor or a Platform Provider. These other services typically include, for example, portfolio manager selection, performance monitoring and evaluation, custody, brokerage and/or other administrative services. The total Managed Account Program fee(s) charged under such programs may be up to 3.00%. Certain Managed Account Program Sponsors or Platform Providers may charge brokerage commission and/or fees separately or as part of the client’s overall Managed Account Program fee(s). Certain Managed Account Program Sponsors or Platform Providers also may charge a minimum annual Managed Account Program fee to each client that participates in their Managed Account Program. We are not generally informed of the specific fee arrangements negotiated between each Managed Account Sponsor and each client participating in the Sponsor’s Managed Account Program. We receive a portion of the fees paid by the Managed Account client for our services.

Our fees for Managed Accounts generally are asset-based fees that are paid quarterly by, or through, the Managed Account Program Sponsor or Platform Provider as a component of the “wrapped fee.” Our fees generally equal a percentage of the total assets in the Managed Account Program for which we provide advisory services. For Managed Accounts, any “breakpoints” at which the percentage charged is reduced generally are measured based on the aggregate AUM that we manage pursuant to a Managed Account Program (rather than on the AUM of any specific client account). Federated MDTA LLC generally will continue to charge management fees during any period that a client, Sponsor, or Platform Provider limits our discretion over the Managed Account. In certain Managed Account Programs, our advisory fees may be limited to the Managed Account Program fees actually collected by the Managed Account Sponsor or Platform Provider.

Unless Federated MDTA LLC enters into a direct investment management agreement with a Managed Account client in connection with a dual contract or unbundled Managed Account Program, our fees typically may be negotiated only between us and the Managed Account Sponsor or Platform Provider.

Our fees may either be payable in arrears at or after the end of each quarter (in which case they are not refundable) or payable in advance of the quarter in which such services are to be rendered. If paid in advance, our fees typically will be refunded on a pro-rated basis in the event that we are terminated from managing the client’s Managed Account or the Sponsor or Platform Provider terminates its agreement with us. The Sponsor or Platform Provider also may pro rate

fees if a certain amount of assets are contributed to or withdrawn from a client's account during an applicable period. In any case, any refunding would take place as and when provided in the Managed Account Program agreements between us and the Sponsor or Platform Provider. Federated MDTA LLC generally will continue to charge management fees during any period that a client, Sponsor, or Platform Provider limits our discretion over the Managed Account. In certain Managed Account Programs, our fees may be billed separately from brokerage, custody and other fees.

The Sponsors or Platform Providers that operate the Managed Account Program in which clients participate generally determine:

- Whether Federated MDTA LLC's fees for Managed Accounts are payable in advance or in arrears;
- Whether and when a client will receive a refund;
- Whether our fees are bundled or unbundled;
- Whether brokerage fees will be commission-based; and
- The level and frequency of payment of advisory fees generally.

Reference should be made to the Sponsor's Managed Account Program brochures and related Managed Account Program documentation, including the client's account documentation, for the specific terms and conditions applicable in connection with the Managed Account Programs in which we participate.

Clients that participate in Managed Account Programs should be aware that services similar or comparable to those provided to them as a participant in a Managed Account Program may be available at a higher or lower aggregate cost elsewhere separately or on an unbundled basis. The overall cost to a client that participates in a Managed Account Program may be higher than paying Federated MDTA LLC's standard advisory fee for a Separate Account, negotiating custody fees with a custodian and negotiating transaction charges with a broker/dealer payable on a per-transaction basis, depending upon the level of custody fees and the number of securities transactions in the client's account. However, most clients that participate in Managed Account Programs would not be eligible (due to the size of the client's accounts) for our Separate Account management services and, therefore, could not otherwise become our clients. Other than in connection with our obligations to seek to obtain best execution for securities transactions as provided under applicable law and the client's Managed Account documentation, we do not undertake any ongoing responsibility to assess for any client that participates in a Managed Account Program the value of the services provided by the Managed Account Program Sponsor or Platform Provider.

### **Model Portfolio Management Services**

The fees Federated MDTA LLC charges and receives for providing Model Portfolio Management Services generally are asset-based fees that are paid quarterly by, or through, an Overlay Manager (which, in the case of Managed Account Programs, may be the Managed Account Program Sponsor or Platform Provider), and generally equal a percentage of the total assets (or a portion of the assets) invested by the Overlay Manager in the Overlay Manager's investment strategy derived from our model portfolio. For Model Portfolio Management Services, any "breakpoints" at which the percentage charged is reduced generally are measured based on the aggregate AUM managed by the Overlay Manager using our model portfolio(s) (rather than the AUM of any specific Overlay Manager client account).

Federated MDTA LLC's fees typically may be negotiated only between the Overlay Manager and us. A client of the Overlay Manager typically pays an advisory fee to the Overlay Manager for the Overlay Manager's discretionary management. In such cases, the client does not pay a separate fee to us for the Model Portfolio Management Services we provide to the Overlay Manager. We receive from the Overlay Manager a portion of the fees paid by the Overlay Manager's client for our services. We are not generally informed of the specific fee arrangements negotiated between each Overlay Manager and the Overlay Manager's clients.

Federated MDTA LLC's fee for Model Portfolio Management Services may either be payable by the Overlay Managers in arrears at or after the end of each quarter for services rendered during the quarter (in which case they are not refundable) or payable in advance of the quarter in which such services are to be rendered. If paid in advance, the Overlay Manager would receive a pro-rated refund in the event that we are terminated. The Overlay Manager also may pro rate fees if a certain amount of assets are contributed to or withdrawn from a client's account during an applicable period. In any case, any refunding would take place as and when provided in the Overlay Manager's agreement with us. Clients of an Overlay Manager (or, as applicable, Sponsor or Platform Provider) should reference their agreements with,

and related documentation from, the Overlay Manager (or, as applicable, Sponsor or Platform Provider) for the specific terms and conditions applicable in connection with the refunding of fees charged by the Overlay Manager (or, as applicable, Sponsor or Platform Provider).

## **2. Advisory Fee Information for Investment Companies, Pooled Investment Vehicles, Proprietary Accounts and Subadvised Accounts**

This section sets forth information regarding Federated MDTA LLC's fees for Investment Companies, Pooled Investment Vehicles, Proprietary Accounts and Subadvised Accounts. We charge asset-based fees, which are determined as a percentage of AUM or average net assets. We also may charge performance-based fees. Managing accounts for performance-based fees creates various conflicts of interest for us and our employees and supervised persons. (Please refer to "Performance-Based Fees and Side by Side Management" in Item 6 of this brochure for a discussion of these conflicts of interest.)

### **Investment Companies**

Federated MDTA LLC's fees for providing Investment Supervisory Services to Investment Companies generally are based upon the client's average net assets. When our fee is negotiated, it may vary based on discussions with the Board of Directors/Trustees of an Investment Company, and is specified in our investment management agreement for the Investment Company. Our fees currently range from 0.75% to 1.15% (0.50% for sub-advised Investment Companies). Our investment management agreements may provide for "breakpoints" at which the percentage charged is reduced if the client's average net assets exceed a specified amount. We also may agree to or voluntarily limit or reimburse our fees to maintain an Investment Company's general expenses at a specified percentage of average net assets.

Our fees are payable as provided in our investment management agreements, and typically are paid daily. We do not require any Investment Company to prepay investment advisory fees (therefore, our fees are not refundable).

### **Pooled Investment Vehicles**

Federated MDTA LLC's fees for providing Investment Supervisory Services to Pooled Investment Vehicles may be consistent with the basic fee information and terms discussed above but also may vary depending upon the type of Pooled Investment Vehicle and the scope of services being provided. The asset-based fees currently generally range from 1.00% to 1.50%. We also receive a performance-based fee that is calculated as a percentage of excess performance above certain levels as discussed in the Pooled Investment Vehicle's governing documents. We do not require any Pooled Investment Vehicles to prepay investment advisory fees (therefore, our fees are not refundable).

Federated MDTA LLC's fees for non-U.S. investment companies (*i.e.*, Pooled Investment Vehicles) also are based on the client's average net assets. The advisory agreement currently calls for a fee range of 0.40% to .50%. Our fees may be payable daily, monthly or quarterly.

In the case of either U.S. or non-U.S. Pooled Investment Vehicles, when Federated MDTA LLC's fee is negotiated, it may vary based on discussions with the governing bodies or managers of such Pooled Investment Vehicles and is specified in our investment management or other agreements for the Pooled Investment Vehicles.

### **Proprietary Accounts**

When Federated MDTA LLC provides Investment Supervisory Services with respect to Proprietary Accounts, we may not charge an advisory fee. If we charge an advisory fee, our fees generally are consistent with the basic fee information and terms discussed above for the type of investment product that constitutes the Proprietary Account (*e.g.*, Separate Accounts, Managed Accounts, Investment Companies or other Pooled Investment Vehicles). This includes regarding whether our fees may be charged in advance and are refundable. Our fees, however, may vary (and could be lower or higher) depending upon the investment strategy or style, types of investment securities and number of portfolios or accounts for which services are provided, the purpose for which the Proprietary Account is established and maintained and other relevant factors.

## **Subadvised Accounts**

When Federated MDTA LLC provides Investment Supervisory Services as a sub-adviser or in another capacity to Other Advisors, our fees generally are consistent with the basic fee information and terms discussed above for the type of client (*e.g.*, Separate Accounts, Managed Accounts, Investment Companies or other Pooled Investment Vehicles). This includes regarding whether our fees may be charged in advance and are refundable. Our fees may be payable daily, monthly or quarterly. When our fee is negotiated, it may vary based on discussions with an Other Advisor or the governing bodies or managers of the client.

### **3. Negotiation and Modification of Fees**

The fee information presented above describes Federated MDTA LLC's basic fee schedules and practices; however, we reserve the right, in our sole discretion, to negotiate and to modify our fees (either up or down) for any client to reflect among other things:

- The number and type of services provided;
- The investment strategy or style, types of investment securities and number of portfolios or accounts for which services are provided;
- The level of reporting and administrative operations required to service an account;
- The terms of the investment management agreement; and
- Other circumstances concerning our relationship with the client.

Because our fees are negotiable, the actual fee paid by any client or group of clients may be different than the fees reflected in our basic fee schedules or otherwise discussed above in this brochure. Clients should refer to the investment management agreement with us and/or, in the case of Managed Accounts, their account documentation, for the specific level of fees payable by the client. Once we enter into an investment management or other agreement with a client, we will only modify our fees as permitted under that agreement and applicable law.

## **B. How We Charge and Collect Our Advisory Fees**

The manner by which Federated MDTA LLC charges and collects our fees varies by the type of client account (*e.g.*, Separate Accounts, Managed Accounts, Investment Companies, Pooled Investment Vehicles, Proprietary Accounts and Subadvised Accounts). For example:

- We may invoice a client directly and the client will pay us directly;
- We may invoice a client's custodian or other intermediary and the custodian or other intermediary will deduct our fees from the client's account and remit them to us (Please refer to "Custody" in Item 15 of this brochure for a discussion of the implications of having arrangements in place for the deduction of fees from client accounts); or
- A client's intermediary (*e.g.*, for Managed Accounts, a Managed Account Program Sponsor or Platform Provider) may calculate our fees, deduct our fees from the client's account and remit them to us.

We are open to discussing with any client the manner in which the client would like to be charged and pay our fees. For certain types of accounts (*e.g.*, Managed Accounts), there may be restrictions or other factors that limit the flexibility we have regarding how our fees are charged to and paid by our clients.

The following provides additional information regarding how we charge and collect our fees based on the type of client account that we are managing.

### **1. Separate Accounts**

Federated MDTA LLC generally invoices Separate Account clients directly, and the Separate Account clients generally remit payment directly to us or instruct their custodians to pay us. If a client requests, and if certain operational matters can be addressed, we may submit our invoice to the client's custodian and the client's custodian may deduct our fees from the client's Separate Account and remit them to us. Clients should refer to their investment management

agreement with us for additional information regarding how we charge and collect our fees.

## **2. Managed Accounts**

In the case of Managed Accounts, the Sponsor or Platform Provider for the Managed Account Program generally calculates Federated MDTA LLC's fees, deducts them from clients' accounts, and remits them to us. If a Managed Account Program is structured as a dual contract or unbundled relationship, in most cases, we submit invoices to the Sponsor or Platform Provider and the Sponsor or Platform Provider deducts our fees from the clients' accounts, and remits them to us. In certain cases, we may invoice a client directly, and the client may pay us directly, in a dual contract or unbundled relationship.

The terms of the Managed Account Programs in which we participate as a portfolio manager generally prescribe how our fees are charged and collected. Clients should refer to their account documentation for additional information regarding how our fees are charged and collected.

## **3. Investment Companies**

The custodian, fund accountant or administrator for an Investment Company generally calculates our fees. The custodian then deducts them from the Investment Company's assets. The fees are then remitted to us. Clients should refer to their investment management agreement with us for additional information regarding how we charge and collect our fees.

## **4. Pooled Investment Vehicles**

The custodian, fund accountant or administrator for a Pooled Investment Vehicle generally calculates our fees. The custodian then deducts them from the Pooled Investment Vehicle's assets. The fees are then remitted to us. Clients should refer to their investment management agreement with us for additional information regarding how we charge and collect our fees.

## **5. Proprietary Accounts**

If fees are charged in connection with a proprietary account, our fees generally are charged and paid consistent with the type of Proprietary Account (*i.e.*, Separate Account, Managed Account, Investment Company or Pooled Investment Vehicle). Our investment management agreements for these accounts contain additional information regarding how we charge and collect any fees.

## **6. Subadvised Accounts**

For sub-advised accounts or investment products, our fees are charged or collected in one of the following ways:

- We either invoice the primary Other Advisor or the primary Other Advisor calculates our fees. In this case, the primary Other Advisor generally pays our fees out of the investment advisory fees that the primary Other Advisor receives from the client; or
- In the case of an Investment Company or Pooled Investment Vehicle, the custodian, fund accountant or administrator calculates our fees, which are then deducted by the custodian from the Investment Company's or Pooled Investment Vehicle's assets, and remitted to us; or
- In the case of an Investment Company or Pooled Investment Vehicle, the custodian, fund accountant or administrator calculates the primary Other Advisor's fees, which are then deducted by the custodian from the Investment Company's or Pooled Investment Vehicle's assets, and remitted to the primary Other Advisor, and the primary Other Advisor then calculates our fees and remits them to us out of the fees it received.

Clients or primary Other Advisors should refer to their investment management agreement with us for additional information regarding how we charge and collect our fees.

### C. Fees and Expenses, Other Than Our Advisory Fees

As with other investment accounts, clients will incur fees and expenses, other than our investment advisory fees, when Federated MDTA LLC manages clients' assets. Clients will incur brokerage costs, other transaction costs and other related costs and expenses. Also, if an Other Advisor is involved, any investment advisory fees of the Other Advisor will be incurred if charged separately. Examples of these other costs and expenses may include:

- Brokerage commissions;
- Markups, mark-downs and other amounts included in the price of a security;
- Custodian fees;
- Administrative fees;
- Interest charges;
- Odd-lot differentials;
- Transfer taxes;
- Wire transfer fees;
- Electronic fund fees;
- Exchange and SEC fees; and
- Expenses assessed to holders of securities or other investments relating to litigation involving that security or investment.

Investments in Investment Companies (*e.g.*, mutual funds and exchange traded funds), Private Investment Companies and other Pooled Investment Vehicles also may be subject to sales charges (*e.g.*, front-end or contingent deferred sales charges), redemption fees and exchange fees. Investment Companies, Private Investment Companies and other Pooled Investment Vehicles also generally have internal fees and expenses that will be borne by clients whose assets are invested in these investment products. These internal fees and expenses include, for example:

- Management fees (including Other Advisor investment advisory fees);
- Transfer agent fees;
- Distribution fees;
- Custody fees;
- Administration fees;
- Shareholder servicing fees;
- Networking fees;
- Recordkeeping fees;
- Costs of registering shares;
- Acquired funds fees and expenses;
- Dividends on short positions and other expenses related to short positions;
- Extraordinary expenses (such as litigation-related expenses);
- Mailing and printing of prospectuses or other offering documents; and
- Other administrative expenses.

In most Managed Account Programs, the “wrapped fee” charged to clients covers portfolio manager selection, performance monitoring and evaluation, custody, investment advice, brokerage and/or other administrative services. In some cases, brokerage commissions and/or our fees for providing investment advice may be charged separately. Situations in which Managed Account Program clients may bear additional brokerage expenses are further described in “Managed Account Programs” in Item 12 of this brochure. In certain Managed Account Programs, the Sponsors or Platform Providers may impose a minimum annual fee. In certain Managed Account Programs, the Sponsors or Platform Providers also may impose a separate fee if, in seeking best execution, Federated MDTA LLC executes trades through a broker, dealer or other securities intermediary other than the Sponsor or Platform Provider (or their affiliated broker or dealer). In these cases, this additional fee may cause us to determine that better execution (in terms of price) may be obtained by executing the trade through the Sponsor or Platform Provider (or their affiliated broker or dealer).

(Please refer to “Brokerage Practices” in Item 12 of this brochure for a discussion of Federated MDTA LLC’s brokerage practices, including the factors that we consider when selecting brokers, dealers or other securities intermediaries for client transactions.

#### **D. Obtaining a Refund for Fees Paid in Advance**

As discussed in more detail above, Federated MDTA LLC’s fees may either be payable in arrears at or after the end of each quarter (in which case they are not refundable) or payable in advance of the quarter in which such services are to be rendered. (Please refer to “Our Advisory Fees” in Item 5 of this brochure for further information regarding when clients may be entitled to a refund of Federated MDTA LLC’s investment advisory fees.) If paid in advance, our fees typically will be refunded on a pro-rated basis in the event of the early termination of the client’s investment management agreement or account. Typically, refunds of prepaid investment advisory fees are pro-rated based on the number of days remaining in the applicable billing period when the client’s investment management agreement or account is terminated. Any refunding would take place as and when provided in the client’s investment management agreement with us or, in the case of Managed Accounts, the account documentation with the Sponsor or Platform Provider of the Managed Account Program. Clients should refer to their investment management agreement with us or, in the case of Managed Accounts, their account documentation for a complete understanding of when and how refunds are determined. If you have any questions regarding a refund, you may contact your client service representative or you may contact us at the telephone number provided on the cover page to this brochure.

#### **E. Sales Compensation**

Federated Securities Corp. and Federated International Securities Corp. are affiliates of Federated MDTA LLC. Federated Securities Corp. serves as distributor of the Federated family of Investment Companies (*i.e.*, mutual funds, Private Investment Companies). Federated Securities Corp. is a registered broker/dealer, municipal securities dealer, and investment adviser. Federated International Securities Corp. is an investment adviser and is expected to register as a broker/dealer in 2018. These registrations do not imply a certain level of skill or training. Federated Securities Corp. receives distribution-related fees for services relating to the sale of shares of Federated mutual funds. Some of its employee-representatives also receive compensation based on the sale of mutual fund shares.

Federated Securities Corp. also:

- May provide services to banks, financial institutions or other advisors in connection with Federated Securities Corp. acting as liquidation agent for such entities and locating purchasers for assets held in pooled investment vehicles for which such entities serve as trustees;
- Sells units of certain collective investment trust(s)/fund(s) for which Federated Investors Trust Company, an affiliate of Federated MDTA LLC, serves as trustee;
- Sells shares of certain private funds for which Federated MDTA LLC, or another Federated Advisory Companies serves as managing member or trustee; and
- Engages in certain sales-related activities relating to certain local government investment pools.

Federated Securities Corp. receives, and its employee representatives may receive, compensation for these liquidation agent, placement agent, sales-related, and other activities.

Upon its registration as a broker/dealer, Federated International Securities Corp. is expected to also:

- Sell units of certain collective investment trust(s)/fund(s) for which Federated Investors Trust Company, an affiliate of Federated International Securities Corp., serves as trustee; and
- Sell shares of certain private funds for which other Federated Advisory Companies serve as trustee or managing member;

Federated International Securities Corp. will receive, and its employee representatives may receive, compensation for these, placement agent, sales-related, and other activities.

Employee-representatives of Federated Securities Corp. and Federated International Securities Corp. also serve as sales people for the investment services and products sponsored by Federated Investors and investment advisory services



offered by Federated MDTA LLC and certain of the other Federated Advisory Companies. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, act in the capacity of solicitors for Federated MDTA LLC and certain other Federated Advisory Companies and, in certain cases, also provide advice on behalf of us and other Federated Advisory Companies to the institutional, high-net worth, separately managed account/wrap-fee account and other clients of Federated MDTA LLC and other Federated Advisory Companies.

Federated Securities Corp.'s and Federated International Securities Corp.'s services, and their employee-representatives' services, are provided to Federated MDTA LLC, and certain other Federated Advisory Companies, pursuant to one or more written agreements with Federated MDTA LLC, and the other relevant Federated Advisory Companies, entered into pursuant to SEC Rule 206(4)-3 under the Advisers Act. These written agreements:

- Describe the solicitation activities to be engaged in by Federated Securities Corp.'s and Federated International Securities Corp.'s employee-representatives on behalf of Federated MDTA LLC and the other relevant Federated Advisory Companies;
- Describe the compensation to be received for such services;
- Require that Federated Securities Corp.'s, Federated International Securities Corp.'s and their employee-representatives' status as employee-representatives, be disclosed to the client or potential client of Federated MDTA LLC or the other relevant Federated Advisory Companies at the time of the solicitation or referral; and
- Require that the affiliation between Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, and Federated MDTA LLC, or the other relevant Federated Advisory Companies, be disclosed to the client or potential client of Federated MDTA LLC or the other relevant Federated Advisory Companies at the time of the solicitation or referral.

Pursuant to applicable SEC guidance, these written agreements also require that Federated Securities Corp.'s or Federated International Securities Corp.'s relevant regulatory history, if any, be disclosed to clients and potential clients of Federated MDTA LLC and the other relevant Federated Advisory Companies. As permitted by applicable SEC guidance, this disclosure may be provided to clients or potential clients by including it in our brochure (or the brochures of the relevant other Federated Advisory Companies) or by including it in a separate document.

Federated Securities Corp. and Federated International Securities Corp. receive compensation from us and such other Federated Advisory Companies (in the form of an intercompany credit) for performing these activities on our and their behalf. Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives also may receive compensation from Federated Securities Corp. or Federated International Securities Corp. for performing such solicitation and other functions.

Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives are salaried employees of Federated Securities Corp. or of Federated International Securities Corp., respectively and receive no commission, fees or other remuneration in connection with individual securities transactions. Bonuses may be based on a number of factors, including mutual fund/account sales, net sales, increase in average annual assets and/or revenue of assigned accounts/investment products or territories, and, for certain sales managers, Federated Investors, Inc.'s overall financial results. Certain employee-representatives may be eligible to receive a portion of their annual bonus in cash or a combination of cash and restricted stock of Federated Investors, Inc.

Even though Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives are not employees of Federated MDTA LLC or the other Federated Advisory Companies for which Federated Securities Corp.'s or Federated International Securities Corp.'s employee-representatives serve as sales people, Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, are supervised persons of Federated MDTA LLC and such other Federated Advisory Companies. They also are deemed to be "persons associated with" us and such other Federated Advisory Companies. Federated Securities Corp.'s and Federated International Securities Corp.'s employee-representatives also are registered as investment adviser representatives of Federated MDTA LLC and such other Federated Advisory Companies, as and to the extent required under applicable law. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives are subject to the supervision and control of Federated MDTA LLC and such other Federated Advisory Companies. As such, they are subject to the compliance programs of Federated MDTA LLC and such other Federated Advisory Companies when soliciting clients or potential clients for them or providing advice on their behalf.

Federated MDTA LLC does not receive commissions or other compensation for the sale of investment products. Since we do not receive commissions, we do not charge our investment advisory fees in addition to commissions or markups. Under appropriate circumstances, we may advise our clients to invest assets in certain Investment Companies (or mutual funds), including no-load funds, Private Investment Companies, or Pooled Investment Vehicles advised by us or other Federated Advisory Companies or distributed by Federated Securities Corp. (Affiliated Investment Vehicles). Federated MDTA LLC, or our affiliated companies (including Federated Securities Corp. and Federated International Securities Corp.), may receive investment advisory, administrative, distribution or other fees and compensation from such Affiliated Investment Vehicles.

The practices discussed above create actual and potential conflicts of interest because Federated Securities Corp., Federated International Securities Corp., their employee-representatives, and Federated MDTA LLC (or other Federated Advisory Companies) have an incentive to recommend investment services or products based on the compensation received rather than a client's needs. (Please refer to "Performance-Based Fees and Side by Side Management" in Item 6 of this brochure for a discussion of these conflicts of interest.)

Clients always have the option to purchase investment products that Federated Securities Corp., Federated International Securities Corp., their employee-representatives, or Federated MDTA LLC (or any of our affiliates) recommend, or to preclude investment in any investment product (including Affiliated Investment Vehicles). If a client desires to preclude investment in a particular investment product, the client should impose a restriction on the client's account by instructing us in writing. (Please refer to "Investment Discretion" in Item 16 of this brochure for further information.) Clients also have the option to purchase any investment products through any broker, dealer or other securities intermediary that is not affiliated with Federated MDTA LLC.

## **ITEM 6. PERFORMANCE-BASED FEES AND SIDE BY SIDE MANAGEMENT**

The following disclosures relate to performance-based fees and side by side management of client accounts, and the actual or potential conflicts of interest that they present for Federated MDTA LLC and our employees and supervised persons. In addition to these conflicts, other actual or potential conflicts of interest arise from Federated MDTA LLC's common economic interests with our affiliates (including the other Federated Advisory Companies), our relationships with our affiliates and other persons or entities in the financial industry, and our, and our related persons', self-interests. We share certain managers/directors/trustees, officers, employees and supervised persons with certain of the other Federated Advisory Companies, and receive shared services from another Federated Advisory Company, Federated Advisory Services Company. As used within this section, "we" shall refer to Federated MDTA LLC, our employees and supervised persons, and/or our related persons, as appropriate.

Given these relationships, as described in further detail below:

- We have an incentive to act in ways that benefit our affiliates and others in the financial industry with which we have relationships rather than in the best interests of our clients; and
- It is possible that our shared directors/trustees, officers or supervised persons and affiliated service providers, and the other Federated Advisory Companies, face similar incentives.

We generally address actual and potential conflicts of interest in one of the following ways:

- Prohibition – we prohibit the conduct that gives rise to the conflict of interest (*e.g.*, insider trading is prohibited under our Code of Ethics);
- Disgorgement – we give the benefit received to the client (*e.g.*, we will waive or reimburse a Separate Account client for the client's share of the advisory fees, if any, paid to us or the other Federated Advisory Companies by an Affiliated Investment Vehicle into which we invest client assets);
- Deference – we defer to third parties to act or make decisions (*e.g.*, we will review a matter with the Board of an Investment Company or a client or sub-advised client);
- Isolation – we construct information barriers to prevent a person from gaining knowledge that gives

- rise to a conflict of interest (*e.g.*, we may isolate a portfolio manager from knowing information about a strategic transaction that Federated Investors is considering);
- Validation – we establish a benchmark for conduct that is designed to protect client interests or impose limitations on activities that create the conflict of interest (*e.g.*, we follow SEC Rule 17a-7 under the Investment Company Act to obtain a reasonable value for securities in cross-trades involving Investment Companies advised by us or other Federated Advisory Companies);
- Disclosure/Consent – we disclose the conflict of interest to our clients (*e.g.*, we disclose the solicitation arrangement with our affiliates, Federated Securities Corp., Federated International Securities Corp. and their employee/representatives); or
- Setting a De Minimis Threshold – we set a threshold for a benefit that is considered too small to influence conduct, and is therefore permitted (*e.g.*, we set limits on entertainment and gifts under our Code of Ethics, and permit *de minimis* political contributions as permitted under SEC Rule 206(4)-5 under the Advisers Act).

We have adopted a Code of Ethics and written compliance policies and procedures that are reasonably designed to prevent, detect and cure violations by Federated MDTA LLC and our employees and supervised persons of the Advisers Act and other applicable federal securities laws. Our compliance policies and procedures also provide for various auditing and testing of our policies and procedures, which are reviewed no less frequently than annually as required by SEC rules. Our policy is to manage client accounts and investment products consistent with applicable law and with the other client accounts and investment products that we manage. The other Federated Advisory Companies have adopted similar Codes of Ethics and written policies and procedures. (Please refer to “Code of Ethics, Participation or Interest in Client Transactions and Personal Trading” in Item 11 of this brochure for further information regarding our Code of Ethics).

The following is a further discussion of certain actual or potential conflicts of interest relating to (A) performance-based fees, (B) side by side management and (C) other aspects of our business, and how we seek to address these conflicts of interest.

#### **A. Conflicts of Interest Relating to Performance-Based Fees**

Federated MDTA LLC and certain of the other Federated Advisory Companies manage client accounts subject to performance-based fee arrangements, or subject to a performance-based fee in addition to another type of fee (*e.g.*, asset-based fees or flat fees).

Actual or potential conflicts of interest arise in connection with charging performance-based fees on certain client accounts while managing other client accounts at the same time for asset-based fees. We have an incentive to favor any account for which we or other Federated Advisory Companies receive performance-based fees. For example, when offering investment advisory services to eligible clients for an asset-based fee and a performance-based fee, we may have an opportunity to receive greater fees or compensation from any client account or investment product that we charge performance-based fees as opposed to the client accounts that we do not charge performance-based fees (*e.g.*, asset-based fees). As a result, we have an incentive to direct the best investment ideas to, or to allocate, aggregate or sequence trades in favor of, or to otherwise favor (whether in terms of better execution, brokerage commissions, directed brokerage/trading or otherwise), a client account or investment product that pays a performance-based fee.

To address these actual or potential conflicts of interest, Federated MDTA LLC’s trade allocation policies prohibit the consideration of the compensation or other benefits received by us or our affiliates, or by any of our officers or employees, when allocating trades among participating client accounts or investment products. Our Compliance Department reviews and reaffirms these allocation policies annually as well as the procedures adopted by our Trading Department and portfolio managers to comply with these policies. Our Compliance Department also monitors for favoring an account or product, front running and inconsistencies among similarly managed accounts or products.

## **B. Conflicts of Interest Relating to Side by Side Management**

“Side by side management” refers to an investment adviser’s practice of managing different types of client accounts and/or investment products simultaneously. Federated MDTA LLC and our employees and supervised persons may have conflicts of interest in allocating their time and services among clients. To address these conflicts, Federated MDTA LLC will endeavor to devote such time to each client as Federated MDTA LLC deems appropriate under the circumstances to perform our duties and obligations to each such client in accordance with applicable law and our investment management agreement(s) with each such client.

Certain actual or potential conflicts of interest may arise in connection with a portfolio manager’s management of an account’s investments and the investments of other accounts for which the portfolio manager is responsible. To the extent that the same investment opportunities might be desirable for more than one account, possible conflicts could arise in determining how to allocate them. Federated MDTA LLC or other Federated Advisory Companies may give advice or take action with respect to investments of one or more clients that may not be given or taken with respect to other clients with similar investment strategies or objectives. Accordingly, clients with similar strategies or objectives may not hold the same securities or instruments or achieve the same performance. In addition, legal restrictions on the combined size of positions which may be taken for all assets managed by Federated MDTA LLC and/or the other Federated Advisory Companies, and the difficulty of liquidating an investment for more than one client where the market cannot absorb the sale of the combined positions, may affect (including in an adverse manner) the prices and availability of certain securities or other investments held by or considered for one or more clients. There also are times when the same portfolio manager manages an Investment Company (mutual fund), Managed Account and other client assets, and/or provides Model Portfolio Management Services, all with the same investment style or strategy. This includes, for example, mutual funds managed in the same style and/or other institutional investment accounts (*e.g.*, Separate Accounts, Investment Companies, or Pooled Investment Vehicles) managed in the same style, or to the same model portfolio, as Managed Accounts. In certain cases, however, an affiliated Investment Company may invest in another affiliated Investment Company, Private Investment Company or Pooled Investment Vehicle that pays, or that invests in yet another affiliated Investment Company, Private Investment Company or Pooled Investment Vehicle that pays, management fees or other fees to Federated MDTA LLC or other Federated Advisory Companies or their affiliates, in which case clients may bear those fees indirectly, including as part of the investment return of the affiliated Investment Company, Private Investment Company or Pooled Investment Vehicle. Please refer to “Conflicts of Interest Relating to Affiliated Investment Vehicles” and “Conflicts of Interest Relating to Uninvested Cash Positions” in Item 6 of this brochure for further information regarding actual or potential conflicts of interest that may arise in connection with investments in affiliated investment vehicles.

The following discusses certain more specific examples of actual or potential conflicts of interest relating to side by side management.

### **1. Conflicts of Interest Relating to Management of Different Investment Strategies and Certain Pooled Investment Vehicles**

Federated MDTA LLC provides investment advisory services to Pooled Investment Vehicles, such as hedge funds. We also manage client assets according to different investment objectives policies, strategies, and limitations/restrictions. In addition to conflicts of interest relating to performance-based fees, actual and potential conflicts of interest arise from managing client accounts with different investment approaches. For example, it is possible that the various investment approaches could have different investment strategies that, at times, might conflict with one another to the possible detriment of a client’s account. One account may seek to participate in a transaction in which another account may have made (or may seek to make) an investment. The two accounts may have conflicting interests and objectives in connection with the transactions, including how they view the operations or activities of the portfolio or issuer, the targeted returns from the transaction, and the timeframe for, and method of, executing or exiting the transaction. Client accounts also may be invested in different parts of an issuer’s capital structure which have different preferences and rights, and thus, disparate interests (*e.g.*, credit quality versus growth potential). Some accounts managed by Federated MDTA LLC and/or our related persons may short securities which we have purchased in other accounts. A concurrent long/short position between one account and another account can result in a loss to one account based on a decision to take a gain in the other account. Uncovered option strategies, portfolio leveraging and significant positions in illiquid securities also may result in conflicts of interest for us when managing certain client assets side by side with other client accounts and investment products. Regarding Federated Advisory Companies that utilize derivatives, taking concurrent conflicting positions in certain derivative instruments also may result in a loss to one client and a gain for another client.

To address these actual or potential conflicts of interest, our policies and procedures generally prohibit concurrent short and long positions in client portfolios managed pursuant to related strategies by us and/or other Federated Advisory Companies, unless the concurrent short and long positions are managed by separate investment teams or approved pursuant to an exceptions process. Records are maintained regarding the investment and allocation decisions made by our portfolio managers, and our Compliance Department periodically reviews documentation of allocations in an effort to confirm compliance with allocation policies and procedures. The Compliance Department also periodically monitors against limits or other guidance amounts imposed on short sales, derivatives usage, options strategies, leverage and liquidity.

## **2. Conflicts of Interest Relating to Affiliated Investment Vehicles**

Federated MDTA LLC may invest client assets in Affiliated Investment Vehicles (*i.e.*, Investment Companies, Private Investment Companies or other Pooled Investment Vehicles) that are advised by us or other Federated Advisory Companies. These Affiliated Investment Vehicles generally pay their investment advisers and service providers based on a percentage of their average net assets. Accordingly, we have an incentive to invest client assets in these Affiliated Investment Vehicles in order to increase the compensation that will be paid to us, other Federated Advisory Companies and/or our other affiliates by these Affiliated Investment Vehicles.

To address these actual or potential conflicts of interest, we invest client assets in Affiliated Investment Vehicles only when such investments are consistent with a client's investment objectives, policies, guidelines and restrictions, and applicable law. To the extent required by applicable law, prior to recommending or making investments in Affiliated Investment Vehicles, Federated MDTA LLC or our related persons will:

- Disclose to the client (or, as applicable, the client's Board of Trustees or Directors) the nature of the affiliation;
- Obtain the client's authorization to invest in Affiliated Investment Vehicles; and
- Specify in the client's authorization whether: (a) we or our related persons will charge, waive or reimburse the client for advisory fees attributable to investments in Affiliated Investment Vehicles; or (b) we or our related persons will waive or reimburse the client for the client's share of the advisory fees, if any, paid by the Affiliated Investment Vehicle to us or our related persons.

Any client authorization will be in writing (which may include Board minutes) and may, to the extent permitted by law, authorize investments in Affiliated Investment Vehicles generally. With respect to certain accounts (*e.g.*, managed accounts) where written authorization is impracticable, we address this conflict of interest through disclosure. This authorization or disclosure may apply, for example as required by applicable law, where advisory fees would be paid twice for duplicative services rendered by Federated MDTA LLC or our affiliates.

In certain cases when Federated MDTA LLC is providing Investment Supervisory Services, Model Portfolio Management Services or Other Advisory Services, we can invest (or recommend investment) in an Affiliated Investment Vehicle (such as, for example, to obtain exposure to a particular asset class), and that Affiliated Investment Vehicle may in turn invest its cash in another Affiliated Investment Vehicle for cash management purposes; in that case, Clients may bear advisory and other fees paid by such Affiliated Investment Vehicles to Federated MDTA LLC or other Federated Advisory Companies or their affiliates, either indirectly or as part of the investment return of the Affiliated Investment Vehicle, subject to a client's investment policies, guidelines and restrictions and applicable law. We and our related persons will also comply with the conditions of any applicable law, rule or exemptive order regulating investments in Affiliated Investment Vehicles.

## **3. Conflicts of Interest Relating to Uninvested Cash Positions**

When Federated MDTA LLC is providing Investment Supervisory Services with respect to Managed Accounts, Model Portfolio Management Services and certain other accounts, we generally do not have discretion over the investment of uninvested cash; such cash is typically invested in money market mutual funds or other liquid investments or cash management vehicles selected by the client or the Sponsor, Platform Provider or Overlay Manager. These cash positions generally are small portions of each overall portfolio and are maintained for operational purposes (*e.g.*, payment of fees, settlement of transactions, etc.). The money market mutual funds or other cash management vehicles into which uninvested cash may be invested may include, in certain cases, money market mutual funds or other cash management vehicles that are Affiliated Investment Vehicles. In these circumstances, we are not recommending the investment of the cash positions maintained in the accounts in the Affiliated Investment Vehicles (we are taking direction from the

Program Sponsor, Platform Provider or Managed Account client), and our discretion over the amounts of the cash positions in the accounts is generally limited to certain target levels/parameters established for each account.

Outside of Managed Accounts and Model Portfolio Management Services, when we have investment discretion, we generally have the ability to determine whether a portion of a client's portfolio will be uninvested. If cash is uninvested, the client's custodian may invest the uninvested cash in money market mutual funds or other liquid investments or cash management vehicles selected by the client or the client's custodian (which could be Affiliated Investment Vehicles) or we may invest the cash in Affiliated Investment Vehicles, subject to a client's investment policies, guidelines and restrictions, and applicable law.

Actual and potential conflicts of interest arise in connection with uninvested cash. For example, since Federated MDTA LLC or our affiliates may receive investment advisory fees, other service fees, or other compensation from Affiliated Investment Vehicles, we have an incentive to leave larger cash balances in client accounts because the cash balances may be invested in Affiliated Investment Vehicles. However, in connection with Managed Accounts and Model Portfolio Management Services, we generally do not know prior to the uninvested cash being invested whether the uninvested cash will be invested in an Affiliated Investment Vehicle because the selection of the cash sweep vehicle for a client's account may be changed without our knowledge by the client and/or Sponsor, Platform Provider or Overlay Manager. The same is true outside of Managed Accounts and our Model Portfolio Management Services when a client's custodian invests the uninvested cash.

To address these actual or potential conflicts of interest, we may set parameters around the amount of cash that remains uninvested for a particular Managed Account Program or client account, or our client may establish such parameters in its investment policies, guidelines and restrictions. With respect to accounts where we have discretion to invest cash balances, we will invest client assets in Affiliated Investment Vehicles only when such investments are consistent with a client's investment objectives, policies, guidelines and restrictions, and applicable law. Except in connection with Managed Accounts and our Model Portfolio Management Services, to the extent required under applicable law, we will waive or reimburse the client for the client's share of the advisory fees, if any, paid to us or the other Federated Advisory Companies by an Affiliated Investment Vehicle into which we invest client assets. With respect to certain accounts (*e.g.*, managed accounts) where written authorization is impracticable, we address this conflict of interest through disclosure. This authorization or disclosure may apply, for example, and as required by applicable law, where advisory fees would be paid twice for duplicative services rendered by Federated Investment Counseling or our affiliates.

#### **4. Conflicts of Interest Relating to Proprietary Accounts**

Federated MDTA LLC manages Proprietary Accounts (*e.g.*, Separate Accounts, Managed Accounts, Investment Companies, and other Pooled Investment Vehicles). As a result, we have an incentive to devote more time to Proprietary Accounts or direct the best investment ideas to, or to allocate, aggregate or sequence trades in favor of, or to otherwise favor (whether in terms of better execution, brokerage commissions, directed brokerage/trading or otherwise), a Proprietary Account over other client accounts. For example, we could have an incentive to cause client accounts to participate in an offering because:

- We desire to participate in the offering on behalf of our Proprietary Account and the account would otherwise be unable to meet minimum purchase requirements; or
- We desire to increase our overall allocation of securities in that offering, or to increase our ability to participate in future offerings by the same underwriter or issuer.

When we, or our related persons, hold for our own benefit through a Proprietary Account the same securities as another client account, we could be seen as potentially harming the performance of a client's account for our own benefit if we sell (or short-sell) the securities in our Proprietary Account while holding the same securities long in the client's account, which may cause the market value of the securities to move lower. We also could be viewed as having an actual or potential conflict of interest if a transaction for a Proprietary Account closely precedes a transaction in related securities in a client account, such as when a subsequent purchase by a client account increases the value of securities that were previously purchased for a Proprietary Account.

To address these actual or potential conflicts of interest, Federated MDTA LLC's allocation policies establish that, as a general matter, trade allocations are to be guided by the relative interests of the participating accounts, which includes all

client accounts managed pursuant to the same strategy by Federated MDTA LLC (which include Proprietary Accounts). Our trade allocation policies prohibit the consideration of the compensation or other benefits received by us or our affiliates, or by any of our officers or employees, when allocating trades among participating client accounts, and Proprietary Accounts are treated the same as any other accounts pursuant to these policies. We maintain records regarding the investment and allocation decisions made by our portfolio managers, and our Compliance Department periodically reviews documentation of allocations in an effort to confirm compliance with allocation policies and procedures, and identify any other activity that may favor Proprietary Accounts.

## **5. Conflicts of Interest Relating to Certain Cross Transactions**

Certain of Federated MDTA LLC's related persons (e.g., certain of the other Federated Advisory Companies) may recommend trades between client accounts (including Proprietary Accounts) for various reasons. Such reasons may include an opportunity to reduce transaction fees or ability to fill sell and purchase orders, when the trade will not disadvantage either client. (Please refer to "Principal and Cross Transactions" in Item 11 of this brochure for further information regarding our cross transaction practices.) Such cross transactions create actual or potential conflicts of interest between clients, and for Federated MDTA LLC and other Federated Advisory Companies. For example, it is possible that we may seek to effect a cross trade to create a market to aid the selling account, to the detriment of the purchasing account.

To address these actual or potential conflicts of interest, our policies and procedures require that neither Federated MDTA LLC nor our affiliates may receive any compensation for acting as a broker/dealer when we engage in cross transactions. For cross trades involving Investment Companies or Private Investment Companies, the Federated Advisory Companies follow procedures that comply with SEC Rule 17a-7 under the Investment Company Act, and similar procedures are followed for cross trades between client accounts that do not involve an Investment Company or a Private Investment Company. Given the monitoring obligations involved, we generally do not allow client accounts that are "plan assets" subject to the Employee Retirement Income Securities Act of 1974 (ERISA) to participate in cross trades. We maintain a list of accounts that are prohibited from participating in cross trades and maintain records regarding each cross transaction, including the price at which the transactions are effected.

## **6. Other Conflicts of Interest Relating to Certain Investment and Brokerage Practices**

There will be times when the same security is being purchased or sold concurrently for multiple client accounts or portfolios. Federated MDTA has established a policy whereby contention among brokers trading the same security is minimized. Different approaches are used depending on the circumstances. The trading day may be divided among brokers based upon the size of their trade in a security or group of securities or brokers may be instructed to execute larger trades across the trading day. For larger rotated trades and small trades that can be instantly executed, the Federated MDTA traders seek to randomly vary the intraday broker sequence across trading days. There can be no assurance that each client will receive the same price for a security, and, depending upon the circumstances, different clients may receive different prices, higher or lower, for the same security. (Please refer to "Directed Brokerage" in Item 12 of this brochure for additional considerations relating to directed brokerage/trading.) Also, for example, when providing our nondiscretionary Model Portfolio Management Services, except as discussed below, we currently communicate model changes to Overlay Managers as concurrently as practicable with commencing trading with respect to the Managed Accounts we manage on a discretionary basis; the Overlay Managers have discretion to accept or reject our recommended model portfolio changes and will execute trades in accordance with the Overlay Manager's policies and procedures, which may result in trades for Overlay Manager clients being effected before, after or at the same time as trades for other Federated MDTA LLC clients. Managed Account Programs that require directed brokerage/trading (and other clients who direct brokerage/trading) may instruct that client transactions be executed through specific brokers/dealers. Except as discussed below, the other Federated Advisory Companies have adopted similar policies.

Due to operational, technological and other reasons, Federated MDTA LLC's related persons (e.g., the other Federated Advisory Companies) do not utilize the same rotation approach as Federated MDTA LLC. These other Federated Advisory Companies have policies in place which are reasonably designed to commence trade execution as concurrently as practicable, or otherwise in a fair and equitable manner, address potential conflicts of interest and protect client interests. Various factors, however, may result in trades for a client not being aggregated with aggregated trades for the other Federated Advisory Companies and clients of the other Federated Advisory Companies receiving a different price, either higher or lower, for the same security. For example, certain operational differences inherent in the trade execution process result in trades for certain clients (such as Managed Accounts and other accounts managed to the same model

portfolio as Managed Accounts) being effected before, after or at the same time as trades for Federated MDTA LLC's other clients. Taking these scenarios and factors into account, Federated MDTA LLC, and the other Federated Advisory Companies, have procedures in place which we believe are consistent with our duty to seek to obtain best execution of client trades and designed to treat clients fairly and prevent clients from being systematically favored or disadvantaged.

#### Federated Global Investment Management Corp. (Including its Federated Clover Investment Advisors Division)

With respect to most investment strategies, Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) has policies in place which are reasonably designed to commence trade execution as concurrently as practicable, or otherwise in a fair and equitable manner, for Managed Accounts and other client accounts (e.g., institutional and high net worth Separate Accounts and Investment Companies) at different trading desks. When Federated Global Investment Management Corp. is providing discretionary advisory services to Managed Account clients, purchases and sales of securities generally are processed on a rotational basis by the Managed Account Program Sponsor and Program. With respect to Federated Global Investment Management Corp.'s equity investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, Federated Global Investment Management Corp. includes the Overlay Managers in the trade rotation process for its discretionary Managed Accounts and Federated Global Investment Management Corp. currently communicates model changes to the Overlay Managers during the Overlay Manager's turn in the trading rotation.

With respect to certain Managed Account strategies, including the large cap growth equity strategy and the small cap value strategy of the Federated Clover Investment Advisors division, Federated Global Investment Management Corp. rebalances or optimizes portfolios on a periodic basis, on schedules that generally differ by strategy. Based on market or other events or circumstances, securities may also be sold prior to a scheduled rebalancing. Trading for these strategies is performed by personnel that do not coordinate trading with personnel responsible for trading other client accounts. Consequently, Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) may purchase or sell securities for Managed Accounts on different days than it does for other accounts and, in certain circumstances, on the same day before or after trades for such other accounts. Federated Global Investment Management Corp. (including its Federated Clover Investment Advisors Division) will periodically review trading to seek to identify, and if necessary address, any material impact on performance created by these trading practices.

The Federated Clover Investment Advisors division also has established a policy whereby purchases and sales of securities for certain institutional and high net worth Separate Accounts, and certain Investment Companies advised by the Federated Clover Investment Advisors division (Group A) are eligible for cross trades and trade aggregation with accounts (including, among others, Investment Companies) of other Federated Advisory Companies that are traded utilizing the same trade management system. Certain other institutional and high net worth Separate Accounts managed by the Federated Clover Investment Advisors division (Group B) will be eligible for trade aggregation solely amongst themselves with the exception of initial public offerings. All trades for accounts within Group B will be allocated on a random or pro-rata basis. However, with respect to initial public offering trades, all accounts managed by the Federated Clover Investment Advisors division may be aggregated with accounts of the other Federated Advisory Companies. Trades for a client that has directed use of a particular broker or dealer are typically placed at the end of aggregated trading activity. There can be no assurance that each client will receive the same price for a security, and, depending upon the circumstances, different clients may receive different prices, either higher or lower, for the same security.

#### Federated Investment Counseling

Except as discussed below, when Federated Investment Counseling is providing discretionary advisory services to Managed Account clients, purchases and sales of securities generally are processed on a rotational basis by Managed Account Program Sponsor and Program. With respect to Federated Investment Counseling's equity investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, Federated Investment Counseling includes the Overlay Managers in the trade rotation process for its discretionary Managed Accounts and Federated Investment Counseling currently communicates model changes to the Overlay Managers during the Overlay Manager's turn in the trading rotation. In implementing Federated Investment Counseling's trade rotation process, Federated Investment Counseling may allot a period of time, which may be adjusted periodically, for a Sponsor or Overlay Manager to arrange executions for accounts before moving to the next Sponsor's or Overlay Manager's turn in the rotation process. With respect to Federated Investment Counseling's fixed income investment strategies utilized in providing its non-discretionary Model Portfolio Management Services, given the operational aspects inherent in trading fixed income securities, decisions with respect to changes in fixed income model portfolios depend upon the availability



of fixed income securities in the market; as a result, Federated Investment Counseling communicates fixed income model changes to Overlay Managers as concurrently as practicable (outside of its trade rotation process) with commencing trading with respect to the Managed Accounts it manages on a discretionary basis. This fact generally results in fixed income model changes being communicated to Overlay Managers promptly after Federated Investment Counseling's discretionary fixed income trading has commenced.

Clients also should be aware that conflicts of interest arise because portfolio decisions regarding one client's account may impact the accounts of the other clients. If authorized under an investment management agreement, Federated MDTA LLC or other Federated Advisory Companies may (a) participate in bankruptcy proceedings or join creditor committees on behalf of some or all of our or their clients with respect to securities or other assets held in client accounts, (b) participate in other litigation, actions or decisions involving securities or other assets held in client accounts, or (c) otherwise pursue or enforce rights available to creditors with respect to a security held in a client's account. For example, we may seek to enforce rights with respect to a security of an issuer in which a client's assets have been invested, and those activities may potentially have an adverse effect on that or other securities of that issuer held in client accounts. As a result, prices, availability, liquidity and other investment terms may be negatively impacted by such activities, and transactions for client accounts may be impaired or effected at prices or on terms that may be different (including less favorable) than would otherwise have been the case.

### **C. Other Actual or Potential Conflicts of Interest**

#### **1. Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees**

Actual or potential conflicts of interest arise to the extent that Federated MDTA LLC, or our affiliates (*e.g.*, the other Federated Advisory Companies), or any of their respective employees, supervised persons or other representatives, receive compensation or benefits other than advisory fees. Additional compensation or benefits may be received by us or our affiliates, for example, for:

- Soliciting business for other Federated Advisory Companies;
- Providing investment advice on behalf of another investment adviser;
- Providing services to another investment adviser or investment product;
- Selling, marketing or distributing mutual fund shares or other investment products or services or acting as a placement agent;
- Directing brokerage/trades to a particular broker or dealer; or
- Specific uses of commissions from client account portfolio trades (for example, soft dollar benefits).

We, or our affiliates, also may have other relationships with brokers/dealers, commodity pool operators, commodity trading advisors, trust companies, other investment advisers and others in the financial industry that benefit us or our affiliates. (Please refer to "Relationships with Brokers/Dealers" in Item 10, "Research and Other Soft Dollar Benefits" in Item 11, and "Client Referrals and Other Compensation" in Item 14 of this brochure for further information.)

Additional compensation or other benefits create an incentive to recommend or favor our interests, and the interests of our affiliates, Affiliated Investment Vehicles (*e.g.*, the Federated mutual funds), and other products or services, based on the compensation that will be received. For example, certain of our directors/trustees, officers or supervised persons may be officers of the Federated mutual funds or other Private Investment Companies or Pooled Investment Vehicles sponsored by Federated Investors, Inc., our ultimate parent company. Federated Securities Corp. or Federated International Securities Corp. may receive compensation for the sale of fund shares or other services or products. If an intermediary's (such as a broker/dealer's) customers represent a significant number of the shareholders of, and assets in, a Federated fund, we may have an incentive to favor that intermediary. We would have a similar incentive with respect to a solicitor who referred clients to us or another Federated Advisory Company. We may have an incentive to execute brokerage transactions through the Managed Account Program Sponsor or Platform Provider (or an affiliated broker or dealer), which in turn has the power to recommend us to Managed Account Program clients. Outside of Managed Accounts, our willingness to direct brokerage/trades to a particular broker or dealer when instructed to do so by clients likewise may encourage a broker or dealer to refer business to us or our related persons, resulting in higher advisory, servicing or other compensation or other benefits. We also may receive "soft dollar benefits" from certain brokers or dealers. The receipt and use of brokerage and research services also creates various conflicts of interest for Federated

MDTA LLC and our related persons. For example, we may have an incentive to select or recommend brokers or dealers based on our interest in receiving research or other products or services, rather than on our clients' interest in receiving most favorable execution. (Please refer to "Sales Compensation" in Item 5, "Relationships with Brokers/Dealers" in Item 10 and "Research and Other Soft Dollar Benefits" in Item 12 of this brochure for further information.) Given the differences in the structure of certain accounts, Investment Companies, Private Investment Companies and other Pooled Investment Vehicles, as well as the terms of applicable investment management and other service agreements, Federated MDTA LLC and our affiliates may be able to charge or pass through to certain clients certain out of pocket expenses, or other fees and expenses, that cannot be charged to or passed through to other clients, which gives us and our affiliates an incentive to favor the clients to whom such expenses and fees may be charged or passed through.

To address these actual or potential conflicts of interest, we will invest (or recommend the investment of) client assets in Affiliated Investment Vehicles only when such investments are consistent with a client's investment objectives, policies, guidelines and restrictions. Also, we will waive or reimburse a Separate Account client for the client's share of the advisory fees, if any, paid to us or the other Federated Advisory Companies by an Affiliated Investment Vehicle into which we invest the client's assets as required by our policies and applicable law. (Please see "Conflicts of Interest Relating to Uninvested Cash Positions" and "Conflicts of Interest Relating to Affiliated Investment Vehicles" in this section for further information.) Federated MDTA LLC's trade allocation and directed brokerage policies prohibit the consideration of the compensation or other benefits received by us or our affiliates, or by any of our officers or employees, when allocating trades among participating client accounts. This includes a prohibition on investment personnel from considering an intermediary's sale of Federated mutual fund shares when allocating trades to brokers and dealers.

## **2. Conflicts of Interest Relating to Personal Trading**

Federated MDTA LLC, and/or our employees, supervised persons and related persons (*e.g.*, the other Federated Advisory Companies), may invest in the same securities, or related securities, that we or our related persons invest in on behalf of, or recommend to, clients, including at or around the same time, which may create conflicts of interest. These practices may create actual or potential conflicts of interest for Federated MDTA LLC and our employees, supervised persons and related persons. For example, our portfolio managers could make a personal investment in a thinly-traded security and then invest large quantities of client assets in that same security in order to drive up the value of that security or our portfolio managers could sell a personal investment in a security in advance of selling clients' positions in such security if the selling of clients' positions in such security would drive the value of the security down.

To address these actual or potential conflicts of interest, our internal controls, including our Code of Ethics, are designed to prevent Federated MDTA LLC from buying or selling securities contemporaneously with client transactions in a manner likely to disadvantage the client. For example, although our Code of Ethics permits investment personnel to trade in securities, including those that could be recommended to clients, it contains safeguards designed to protect clients from abuses in this area, such as requirements to obtain prior approval for (*i.e.*, preclearance), and to report, particular transactions. No access person (*e.g.*, portfolio managers and research analysts) may execute a personal transaction, directly or indirectly, in any covered security and no preclearance will be granted, when he or she knows, or should have known, that the covered security is being considered for purchase or sale, or purchased or sold, by or for a client account. In addition, portfolio managers and research analysts identified as serving a client or group of clients are prohibited from purchasing or selling any covered security for which there is an open "buy" or "sell" order or any covered security that has been purchased or sold by or for those client accounts within fifteen (15) calendar days before or after the security is purchased or sold if the aggregate related open "buy" or "sell" orders and/or purchases or sells of that covered security by those accounts are thereafter determined to have been of an amount sufficient to trigger a blackout period. All such transactions will trigger a blackout period, and this provision supersedes any prior preclearance. Investment personnel who are not among the portfolio managers and research analysts identified as serving client accounts, as provided above, may not purchase or sell a covered security within seven (7) calendar days after one or more open "buy" or "sell" orders are placed and/or purchases or sales are made for the client accounts in the same covered security in an amount sufficient to trigger a blackout period, subject to any prior preclearance. All other access persons may not purchase or sell a covered security on any day during which one or more open "buy" or "sell" orders are placed and/or purchases or sales are made for the client accounts in the same covered security in an amount sufficient to trigger a blackout period, subject to any prior preclearance. The Code of Ethics and other compliance procedures also contain certain restrictions on insider trading and misuse of customer information.

### **3. Conflicts of Interest Relating to Voting Securities Held in Client Accounts**

As discussed under “Voting Client Securities” in Item 17 of this brochure, Federated MDTA LLC will accept the authority to vote securities held in client accounts. Conflicts of interest arise from time to time between the interests of Federated MDTA LLC, and our affiliates (including the other Federated Advisory Companies), and the interests of our clients. Federated MDTA LLC has adopted procedures to address situations where a matter on which a proxy is sought may present a potential conflict between the interests of the client and those of Federated MDTA LLC or our affiliates. (Please refer to “Conflicts of Interests” in Item 17 of this brochure for a discussion of these conflicts of interest and how they are addressed.)

### **4. Other Conflicts of Interest**

In addition to the above described conflicts of interest, actual or potential conflicts of interest can arise in the following areas, among others:

- Portfolio managers’, traders’ and other supervised persons’ relationships with counterparties, issuers, and obligors, including entertainment and gifts received from counterparties, issuers or obligors, political and charitable contributions, and positions on boards of directors/trustees; and
- Specific compensation arrangements relating to portfolio managers, traders and other supervised persons.

Portfolio manager and trader relationships with counterparties must be disclosed to our Compliance Department and they are monitored on an ongoing basis. Our Code of Ethics addresses entertainment and gifts, as well as when portfolio managers, traders and other supervised persons may make or solicit political or charitable contributions or serve on boards of directors/trustees. (Please refer to “Our Code of Ethics” in Item 11 of this brochure for further information.)

Regarding specific compensation arrangements for portfolio managers, traders and other supervised persons, compensation arrangements generally may contain a fixed salary component and a variable incentive amount determined primarily on the performance of investment accounts, strategies and/or funds/products, which can be paid in cash or a combination of cash and restricted stock of Federated Investors, Inc. In certain cases, certain portfolio managers, traders or other supervised persons may be eligible for certain annual payments based on revenue. Compensation arrangements can create actual and potential conflicts of interest, including, among others, with respect to the amount of time allocated to the accounts, strategies and/or funds/products for which a portfolio manager, trader or other supervised person is responsible and the allocation of investment opportunities among accounts, strategies and/or funds/products managed by Federated MDTA LLC and the other Federated Advisory Companies. Other potential conflicts relating to compensation can include, for example, conflicts created by calculations within specific investment professional compensation arrangements. Under certain compensation arrangements, the treatment of the accounts, strategies and funds/products (or other activities) for which a portfolio manager, trader or other supervised person is responsible can vary (and may be adjusted periodically). This includes, for example, the weighting that is given to the performance of each account, strategy and/or fund/product (or other activity) for which a portfolio manager, trader or other supervised person is responsible when compensation is calculated; the weighting assigned to the performance of an account, strategy and/or fund/product (or other activity) can be greater than, equal to and/or lesser than the weighting assigned to the performance of other accounts, strategies and/or funds/products (or other activities), and can be adjusted periodically. The conflicts that can result from these compensation considerations generally are addressed by the written compliance policies and procedures and the Code of Ethics implemented by Federated MDTA LLC and the other Federated Advisory Companies and through the structuring of compensation arrangements.

## **ITEM 7. TYPES OF CLIENTS**

### **A. Types of Clients**

Federated MDTA LLC generally provides investment advisory services to:

- Individuals;
- High net worth individuals;
- Corporations, business entities and other institutional investors;
- Banks, thrift institutions and other financial institutions;

- Investment Companies;
- Private, federal, state or government pension and profit sharing plans, including pension plans subject to the Employee Retirement Income Security Act of 1974 (ERISA);
- Trusts (including group trusts);
- Estates;
- Charitable foundations and organizations;
- Federal, state and municipal government entities;
- Foreign accounts; and
- Collective funds, hedge funds and other Pooled Investment Vehicles.

Federated MDTA LLC manages a Pooled Investment Vehicle (Fund). We also provide investment advisory services to the Fund, which is organized as an investment company exempt from registration under the Investment Company Act. Interests in the Fund are offered only through non-public transactions in compliance with the uniform exemptions from registration and qualification provided by Regulation D and Section 18(b)(4)(d) of the 1933 Act, as amended.

(Please refer to “The Types of Accounts/Products We Manage” in Item 4 of this brochure for further information on the Investment Companies and Pooled Investment Vehicles to which we provide investment advisory services.)

We also manage, from time to time, Proprietary Accounts. The clients, account holders, shareholders or investors in these Proprietary Accounts may include:

- Federated MDTA LLC;
- Another Federated Advisory Company;
- Another one of our affiliates; or
- Employees of Federated MDTA LLC or our affiliates.

(Please refer to “The Types of Accounts/Products We Manage” in Item 4 of this brochure for further information on the Proprietary Accounts to which we provide investment advice.) Advising Proprietary Accounts raises various conflicts of interest for us and our employees and supervised persons. (Please refer to “Conflicts of Interest Relating to Proprietary Accounts” in Item 6 of this brochure for a discussion of these conflicts of interest.)

## **B. Requirements for Accounts**

Federated MDTA LLC requires clients to enter into an investment management agreement. Our investment management agreements contain grants of authority from our clients that allow us to manage client assets and, in certain cases, we may request clients to execute and deliver a separate, stand-alone power of attorney. Except in the case of a dual contract or unbundled Managed Account Program, Managed Account clients typically will not enter into an investment management agreement directly with us. In that case, Managed Account clients will enter into investment management and/or other agreements with the Sponsors or Platform Providers for the Managed Account Program.

While we reserve the right to waive minimum account size requirements, our minimum account size targets are stated below.

Federated MDTA LLC’s target account size for Managed Account Program accounts is \$100,000. Certain asset classes may require larger account minimums to seek proper diversification. The minimum account sizes for Managed Account Programs also may differ based on the requirements of the program Sponsors, Platform Providers or Overlay Managers.

Generally, the minimum size account acceptable for a Separate Account client is \$5 million for Mid Cap and Small Cap Strategies, and \$10 million for All Cap and Large Cap Strategies. Generally, the minimum size account acceptable for a Managed Account Program client ranges between \$100,000 and \$250,000, depending upon the particular Managed Account Program.

Federated MDTA LLC may request clients to provide proof of authority, directed trading letters, qualified purchaser or accredited investor letters/certifications, or other information to allow us to manage client assets.

We provide investment advisory services for our Managed Account and other clients in accordance with the performance standards and limitations of liability as discussed in this brochure. (Please refer to “Standard of Care” in Item 4 of this brochure for further information.)

Federated MDTA LLC also may be restricted by the securities laws of jurisdictions outside of the U.S. from managing the assets of certain clients living or located in such jurisdictions.

## **ITEM 8. METHODS OF ANALYSIS, INVESTMENT STRATEGIES AND RISK OF LOSS**

Investing in securities involves risk of loss that clients should be prepared to bear. Investment decisions are subject to various market, currency, economic, political and business risks. Investment decisions will not always be profitable and may subject client accounts to overall investment loss. Past performance is not necessarily an indication of future results. Federated MDTA LLC does not guarantee future performance, any specific level of performance or the success of any particular investment decision or strategy.

The following discussion is a general discussion of our methods of analysis, investment strategies and risks. Federated MDTA LLC is a quantitative investment management firm, and our investment strategies utilize our quantitative investment process. (Please refer to “Our Advisory Services” in Item 4 of this brochure for further information regarding our quantitative investment process.)

There are risks associated with the above methods of analysis. Quantitative models may be based on assumptions that, and subjective judgments may, prove to be incorrect. In using these methods of analysis, we also rely on publicly available sources of information, which may be inaccurate or misleading. More specifically, Federated MDTA LLC employs quantitative models as a management technique. These models examine multiple economic factors using large data sets. The results generated by quantitative analysis may be different than expected and may negatively affect performance for a variety of reasons. For example, human judgment plays a role in building, utilizing, testing and modifying the financial algorithms and formulas used in these models. Additionally, the data, which is typically supplied by third parties, can be imprecise or become stale due to new events or changing circumstances. Market performance can be affected by non-quantitative factors (for example, investor fear or over-reaction or other emotional considerations) that are not easily integrated into quantitative analysis. There may also be technical issues with the construction and implementation of quantitative models (for example, software or other technology malfunctions, or programming inaccuracies).

Federated MDTA LLC also is a multi-strategy investment adviser, so it is possible that certain methods of analysis, investment strategies and risks may not apply to our management of any particular client’s account or investment product. The specific investment strategies and risks relating to our management of a specific client’s account or investment product may be described in more detail in presentations, investment guidelines, marketing materials and other documents provided, or discussions held, with that client or investment guidelines provided by the client (or, in the case of Managed Account Program accounts, provided in the Managed Account Program Sponsor’s brochure or other Program documentation).

Clients that are Investment Companies or Pooled Investment Vehicles should refer to the registration statements (*e.g.*, prospectuses and statements of additional information) or similar offering documents for the Investment Companies or Pooled Investment Vehicles.

### **A. Basic Information**

Federated MDTA LLC employs fundamental analysis and uses bottom-up stock selection with a disciplined quantitative process. The process selects stocks based on fundamental variables, controls risk through diversification constraints, and controls turnover by taking into account the impact of trading costs. A risk in using quantitative analysis is that the models used may be based on assumptions that prove to be incorrect. (Please refer to “Our Advisory Services” in Item 4 of this brochure for further information regarding our quantitative investment process.)

Federated MDTA LLC provides our advisory services consistent with:

- The terms of the relevant investment management agreement(s) applicable to the management of a client's assets;
- Any information provided to us regarding a client's investment objectives or guidelines, or a client's financial condition;
- Any reasonable investment restrictions imposed by a client;
- The investment objectives, strategies, policies and limitations of clients provided to us; and/or
- Our knowledge of restrictions imposed under applicable law on the management of a client's assets.

Subject to the considerations identified in the above bullet points, we may recommend, invest and reinvest a client's assets in a variety of securities and other investments. These securities and other investments may include, among other securities or other investments permitted under client investment guidelines:

- Equity securities;
- Foreign securities;
- Repurchase agreements;
- Reverse repurchase agreements;
- Mutual fund shares (including shares of Investment Companies, Private Investment Companies and Pooled Investment Vehicles advised or sub-advised by Federated MDTA LLC or other Federated Advisory Companies and distributed by Federated Securities Corp.); and/or
- Exchange Traded Funds.

We primarily provide advice with respect to equity, rather than fixed income or money market, investment strategies. Also, while the investment objectives, guidelines and restrictions/limitations for certain client accounts or investment products may permit the use of derivatives and hybrid instruments (including, for example, (1) for duration and/or volatility management, (2) for performance enhancement through the purchase of options, or (3) for offsetting changes in securities value caused by currency movement by use of currency hedges), we would need to make alterations to our normal investment process to facilitate the use of derivatives; accordingly, we currently do not enter into derivatives and hybrid instruments on behalf of our clients. Equity securities (which are discussed in more detail below) represent a share of an issuer's earnings and assets, after the issuer pays its liabilities. Client investment objectives, guidelines and restrictions/limitations also may permit firm or standby commitments to purchase securities on delayed delivery transactions, and asset segregation may be required by client investment guidelines or applicable law. Money market securities are short-term, liquid, high-quality securities that are eligible for investment by money market Investment Companies under SEC Rule 2a-7 under the Investment Company Act. Derivative contracts are financial instruments that generally require payments based upon changes in the values of designated securities, commodities, currencies, indices or other assets or instruments, including other derivative contracts. Hybrid instruments combine elements of two different kinds of securities or financial instruments (such as a derivative contract). Investments in fixed income securities, money market securities, derivative contracts and hybrid instruments involve investment risk. Investments in derivative contracts and hybrid instruments also involve risks different from, and possibly greater than, the risks of investing directly in securities and other traditional investments. If we manage an investment account or product pursuant to a balanced or other investment strategy that permits investments in fixed income or money market securities, we generally engage another investment adviser (which may be another affiliated Federated Advisory Company) to act as sub-adviser with respect to the fixed income or money market component of the investment strategy. Fixed-income securities pay interest, dividends or distributions at a specified rate. Similarly, if derivative contracts or hybrid instruments are to be utilized in connection with a particular investment strategy or investment account or product, another subadviser (which may be another affiliated Federated Advisory Company) generally would be engaged, unless we alter our normal investment process. In these cases, clients should refer to any brochure for the applicable sub-adviser for further information on fixed income or money market securities, and/or derivative contracts or hybrid instruments, and the risks related to investing in those types of investments.

While we primarily provide advice with respect to equity investment strategies, we do not recommend primarily a particular type of security, and our advice is not limited to the above list of securities and other investments. For example, in addition to the investments in the securities and other investments identified above, other investment techniques that Federated MDTA LLC may employ include long term purchases, short term purchases, trading, short

sales, and margin transactions. We also may effect certain other types of investment-related transactions involving a client's assets, such as securities lending.

## **Equity Securities**

Equity securities represent a share of an issuer's earnings and assets, after the issuer pays its liabilities. The income an account will receive from equity securities cannot be predicted because issuers generally have discretion as to the payment of any dividends or distributions. However, equity securities offer greater potential for appreciation than many other types of securities, because their value increases directly with the value of the issuer's business. Types of equity securities include, for example, common stocks, preferred stocks, interests in limited liability companies or master limited partnerships, real estate investment trusts (REITs), including foreign REITs and REIT-like entities, and warrants. Equity securities may be subject to, for example, technology risk, stock market risks, sector risks, liquidity risks, risks related to investing for growth, risks related to investing for value, risks related to company size, currency risks (including Euro risks), risks of investing in a specific country or region, Eurozone risks, risks of foreign investing, risks of investing in emerging market countries, leverage risks, credit risks, exchange traded funds risk, risks related to custodial services and related investment costs and share ownership concentration risk.

## **Foreign Securities**

Foreign securities are securities of issuers based outside the United States. To the extent a Fund invests in securities included in its applicable broad-based securities market index, the Fund may consider an issuer to be based outside the United States if the applicable index classifies the issuer as based outside the United States. Accordingly, the Fund may consider an issuer to be based outside the United States if the issuer satisfies at least one, but not necessarily all, of the following:

- It is organized under the laws of, or has its principal office located in, another country;
- The principal trading market for its securities is in another country;
- It (directly or through its consolidated subsidiaries) derived in its most current fiscal year at least 50% of its total assets, capitalization, gross revenue or profit from goods produced, services performed, or sales made in another country; or
- It is classified by an applicable index as based outside the United States.

Foreign securities are primarily denominated in foreign currencies. Types of foreign securities include, for example, depository receipts, American depository receipts, domestically traded securities of foreign issuers, foreign exchange contracts, and foreign government securities. Along with the risks normally associated with domestic securities of the same type, foreign securities are subject to currency risks and risks of foreign investing. Trading in certain foreign markets is also subject to liquidity risks.

## **Repurchase Agreements**

Repurchase agreements are transactions in which a security is purchased for an account from a dealer or bank and the account agrees to sell the security back at a mutually agreed upon time and price. The repurchase price exceeds the sale price, reflecting the account's return on the transaction. This return is unrelated to the interest rate on the underlying security. We will enter into repurchase agreements on behalf of accounts only with banks and other recognized financial institutions, such as securities dealers, that we deem creditworthy. An account's custodian will take possession of the securities subject to repurchase agreements. We or a custodian typically will monitor the value of the underlying security each day to seek to ensure that the value of the security always equals or exceeds the repurchase price. In addition to taxable repurchase agreements, there also are municipal repurchase agreements. Repurchase agreements generally are subject to credit risks.

## **Reverse Repurchase Agreements**

Reverse repurchase agreements are repurchase agreements in which a client's account is the seller (rather than the buyer) of the securities, and agrees to repurchase them at an agreed upon time and price. A reverse repurchase agreement may be viewed as a type of borrowing by a client's account. In addition to taxable reverse repurchase agreements, there also are municipal reverse repurchase agreements. Reverse repurchase agreements are subject to credit risks. In addition,

reverse repurchase agreements create leverage risks because an account must repurchase the underlying security at a higher price, regardless of the market value of the security at the time of repurchase.

### **Shares of Investment Companies, Private Investment Companies and Other Pooled Investment Vehicles (including Exchange Traded Funds)**

To the extent permitted, we may invest client account assets in securities of Investment Companies (mutual funds), Private Investment Companies or other Pooled Investment Vehicles, including the securities of Affiliated Investment Vehicles. These investments also may include preferred shares of a closed-end Investment Company that are eligible for purchase by money market mutual funds. These investments may be made as an efficient means of implementing investment strategies and/or managing uninvested cash. These other Investment Companies (mutual funds), Private Investment Companies or other Pooled Investment Vehicles are managed independently of a client's account and incur additional fees and/or expenses which would, therefore, be borne indirectly by the client's account in connection with any such investment. These investments are subject to the same risks as the underlying Investment Company, Private Investment Company or Pooled Investment Vehicle.

To the extent permitted, we also may invest client assets in exchange traded funds (ETFs) as an efficient means of carrying out its investment strategies. As with traditional mutual funds, ETFs charge asset-based fees, although these fees tend to be relatively low. ETFs are traded on stock exchanges or on the over-the-counter market. ETFs generally do not charge initial sales charges or redemption fees and investors typically pay only customary brokerage fees to buy and sell ETF shares. An investment in an ETF generally presents the same primary risks as an investment in a conventional fund (*i.e.*, one that is not exchange traded) that has the same investment objectives, strategies, and policies. The price of an ETF can fluctuate up or down, and a client account could lose money investing in an ETF if the prices of the securities owned by the ETF go down. In addition, ETFs may be subject to the following risks that do not apply to conventional funds:

- The market price of an ETF's shares may trade above or below their net asset value;
- An active trading market for an ETF's shares may not develop or be maintained; or
- Trading of an ETF's shares may be halted if the listing exchange's officials deem such action appropriate, the shares are delisted from the exchange, or the activation of market-wide "circuit breakers" (which are tied to large decreases in stock prices) halts stock trading generally.

### **Short Sales**

To the extent permitted, we may sell a security for a client account short in an effort to take advantage of an anticipated decline in the price of the security. In a short sale, the account sells a security it does not own, and must borrow the security in order to deliver it at completion of the sale. The account then has an obligation to replace the borrowed security. While the securities are borrowed, the proceeds from the sale are deposited with the lender and an account pays interest to the lender. If the value of the securities declines between the time that the account borrows the securities and the time it repurchases and returns the securities to the lender, the account makes a profit on the difference (less any interest the account is required to pay the lender). Short selling involves risk, is speculative in nature, and may reduce returns or increase volatility. There is no assurance that securities will decline in value during the period of the short sale and make a profit for an account. Securities sold short may instead appreciate in value creating a loss for the account. An account also may experience difficulties repurchasing and returning the borrowed securities if a liquid market for the securities does not exist. The lender may also recall borrowed securities at any time. The lender from which the account has borrowed securities may go bankrupt and the account may lose the collateral it has deposited with the lender. We will endeavor to adhere to controls and limits that are intended to offset these risks by short selling only liquid securities and by limiting the amount of exposure for short sales.

### **Securities Lending**

To the extent permitted, we may lend a client account's portfolio securities to borrowers that we deem creditworthy. In return, the account receives cash or liquid securities from the borrower as collateral. The borrower must furnish additional collateral if the market value of the loaned securities increases. Also, the borrower must pay the account the equivalent of any dividends or interest received on the loaned securities. We will reinvest cash collateral for a client's account in securities that qualify as an acceptable investment for the account. However, the account must pay interest to the borrower for the use of cash collateral. An acceptable investment into which the Fund may reinvest cash collateral



includes, among other acceptable investments, securities of affiliated money market funds (including affiliated institutional prime money market funds with a “floating” net asset value that can impose redemption fees and liquidity gates, impose certain operational impediments to investing cash collateral, and, if net asset value decreases, result in the Fund having to cover the decrease in the value of the cash collateral. Loans are subject to termination at the option of the account or the borrower. The account will not have the right to vote on securities while they are on loan. However, we will attempt to terminate a loan in an effort to reacquire the securities in time to vote on matters that we deem to be material. There can be no assurance that we will have sufficient notice of such matters to be able to terminate the loan in time to vote thereon. An account may pay administrative and custodial fees in connection with a loan and may pay a negotiated portion of the interest earned on the cash collateral to a securities lending agent or broker. Securities lending activities are subject to interest rate risks and credit risks. These transactions also may create leverage risks.

### **Portfolio Turnover**

Federated MDTA LLC’s investment strategies are implemented using Federated MDTA LLC’s investment process, which can create high portfolio turnover in a client account or investment product. As discussed under “Fees and Expenses, Other Than Our Advisory Fees” in Item 5 of this brochure, a client account pays transaction costs, such as commissions, when securities are bought and sold for the account (or an account’s portfolio “turns over”). To the extent a client’s investment strategy involves a higher portfolio turnover rate due to active trading or other factors, this may indicate higher transaction costs and may result in higher taxes (for example, because active trading may generate more short-term capital gains or losses). These costs affect a client account’s performance.

### **Large Shareholder**

When an Investment Company, Private Investment Company or Pooled Investment Vehicle is first launched, or is being liquidated, and potentially at certain other times during their existence, a significant percentage of an Investment Company’s, Private Investment Company’s or Pooled Investment Vehicle’s shares may be owned or controlled by a large shareholder, such as other funds or accounts, including those of which the Adviser or an affiliate of the Adviser may have investment discretion. Accordingly, the Investment Company, Private Investment Company or Pooled Investment Vehicle can be subject to the potential for large scale inflows and outflows as a result of purchases and redemptions made by significant shareholders. These inflows and outflows could be significant and, if frequently occurring, could negatively affect the Investment Company’s, Private Investment Company’s or Pooled Investment Vehicle’s net asset value and performance and could cause them to sell securities at inopportune times in order to meet redemption requests.

### **Other Investment Strategies**

Federated MDTA LLC also may implement other investment strategies as developed or requested by clients. The specific investment strategy(ies) that we will follow in managing assets for a particular client typically is (are) described:

- In, or as an attachment to, the client’s investment management agreement with us;
- If the client participates in a Managed Account Program, in our agreement with the Managed Account Sponsor or Platform Provider and other Managed Account documentation; or
- If the client is an Investment Company, Private Investment Company or Pooled Investment Vehicle, in the registration statement (*e.g.*, prospectus and statement of additional information) or similar offering document for such client.

### **Cybersecurity**

Like Other Advisers and business enterprises, Federated MDTA LLC business relies on the security and reliability of information and communications technology, systems and networks. The Adviser uses digital technology, including, for example, networked systems, email and the Internet, to conduct business operations and engage clients, customers, employees, products, accounts, shareholders, and relevant service providers, among others. The Adviser, as well as certain service providers, also generate, compile and process information for purposes of preparing and making filings or reports to governmental agencies, and a cybersecurity attack or incident that impacts that information, or the generation and filing processes, may prevent required regulatory filings and reports from being made. The use of the Internet and other electronic media and technology exposes the Adviser, its clients, and its service providers, and their respective operations, to potential risks from cybersecurity attacks or incidents (collectively, “cyber-events”).

Cyber-events can result from intentional (or deliberate) attacks or unintentional events by insiders or third parties, including cybercriminals, competitors, nation-states and “hacktivists,” among others. Cyber-events may include, for example, phishing, use of stolen access credentials, unauthorized access to systems, networks or devices (such as, for example, through “hacking” activity), structured query language attacks, infection from or spread of malware, ransomware, computer viruses or other malicious software code, corruption of data, and attacks (including, but not limited to, denial of service attacks on websites) which shut down, disable, slow, impair or otherwise disrupt operations, business processes, technology, connectivity or website or internet access, functionality or performance. Like other Advisers and business enterprises, the Adviser and its service providers have experienced, and will continue to experience, cyber-events consistently. In addition to intentional cyber-events, unintentional cyber-events can occur, such as, for example, the inadvertent release of confidential information. To date, cyber-events have not had a material adverse effect on the Adviser’s business, results of operation, financial condition and/or cash flows.

Cyber-events can affect, potentially in a material way, the Adviser’s relationships with its clients, customers, employees, products, accounts, shareholders and relevant service providers. Any cyber-event could adversely impact the Adviser and its clients and service providers and cause the Adviser to incur financial loss and expense, as well as face exposure to regulatory penalties, reputational damage and additional compliance costs associated with corrective measures. A cyber-event may cause the Adviser, or its service providers, to lose proprietary information, suffer data corruption, lose operational capacity (such as, for example, the loss of the ability to process transactions or other disruptions to operations), and/or fail to comply with applicable privacy and other laws. Among other potentially harmful effects, cyber-events also may result in theft, unauthorized monitoring and failures in the physical infrastructure or operating systems that support the Adviser and its service providers. Federated MDTA LLC may incur additional, incremental costs to prevent and mitigate the risks of such cyber-events or incidents in the future. The Adviser and its relevant affiliates have established practices and systems reasonably designed to seek to reduce the risks associated with cyber-events. The Adviser employs various measures aimed at mitigating cybersecurity risk, including, among others, use of firewalls, system segmentation, system monitoring, virus scanning, periodic penetration testing, employee phishing training, and an employee cybersecurity awareness campaign. Among other vendor management efforts, Federated MDTA LLC also conducts due diligence on key service providers (or vendors) relating to cybersecurity. The Federated Advisory Companies have established a committee to oversee Federated MDTA LLC’s information security and data governance efforts and updates on cyber-events and risks are reviewed with relevant committees, as well as the Adviser’s parent company’s Boards of Directors, on a periodic (generally quarterly) basis (and more frequently when circumstances warrant) as part of risk management oversight responsibilities. However, there is no guarantee that the efforts of the Adviser or its affiliates, or other service providers, will succeed, either entirely or partially, as there are limits on Federated MDTA LLC’s ability to prevent or mitigate cyber-events. Among other reasons, the cybersecurity landscape is constantly evolving, the nature of malicious cyber-events is becoming increasingly sophisticated. The Adviser, and its relevant affiliates, cannot control the cybersecurity practices and systems of issuers or third-party service providers.

## **B. Strategy-Specific Disclosure**

The following discusses in more detail each significant investment strategy that Federated MDTA LLC offers and the risks involved. Clients should review this disclosure carefully and in tandem with the basic information provided above. As noted above, clients also should review any presentations, investment guidelines, marketing materials and other documents provided, or discussions held, with the client or any investment guidelines provided by the client (or, in the case of Managed Account Program accounts, provided in the Managed Account Program Sponsor’s brochure or other Program documentation).

### **MDT All Cap Core**

This strategy utilizes a whole market, all-cap/all-style approach by selecting most of its investments from companies listed in the Russell 3000® Index, an index that measures the performance of the 3,000 largest U.S. companies by market capitalization representing approximately 98% of the investable domestic equity market. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, quantitative modeling risks and risks that a particular sector will underperform other sectors.

### **MDT Large Cap Growth**

This strategy utilizes a large-cap growth approach by selecting most of its investments from companies listed in the Russell 1000® Growth Index, an index that measures the performance of those companies with higher price-to-book ratios and higher forecasted growth values within the large-cap segment of the U.S. equity universe, which includes the 1,000 largest U.S. companies by market capitalization. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, quantitative modeling risks and risks that a particular sector will underperform other sectors.

### **MDT Large Cap Value**

This strategy utilizes a large-cap value approach by selecting most of its investments from companies listed in the Russell 1000® Value Index, an index that measures the performance of those companies with lower price-to-book ratios and lower expected growth values within the large-cap segment of the U.S. equity universe, which includes the 1,000 largest U.S. companies by market capitalization. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that value stocks may lag behind growth stocks in an up market, quantitative modeling risks and risks that a particular sector will underperform other sectors.

### **MDT Tax Aware/All Cap Core**

This strategy utilizes a whole market, all-cap/all-style approach by selecting most of its investments from companies listed in the Russell 3000® Index, an index that measures the performance of the 3,000 largest U.S. companies by market capitalization representing approximately 98% of the investable domestic equity market. The strategy seeks to maximize after-tax compound annual return. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, quantitative modeling risks and risks that managing the portfolio for after-tax returns may hurt the performance of the portfolio.

### **MDT Mid Cap Growth**

This strategy utilizes a mid-cap growth approach by selecting most of its investments from companies listed in the Russell MidCap® Growth Index, an index that measures the performance of those companies with higher price-to-book ratios and higher forecasted growth values within the mid-cap segment of the U.S. equity universe. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that a particular sector will underperform other sectors, quantitative modeling risks and risks related to company size.

### **MDT Small Cap Core**

This strategy utilizes a small-cap/all-style approach by selecting most of its investments from companies listed in the Russell 2000® Index, an index that measures the performance of approximately 2,000 of the smallest U.S. companies by market capitalization. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, quantitative modeling risks and risks related to company size.

### **MDT Small Cap Growth**

This strategy utilizes a small-cap growth approach by selecting most of its investments from companies listed in the Russell 2000® Growth Index, an index that measures the performance of those companies with higher price-to-book ratios and higher forecasted growth values within the small-cap segment of the U.S. equity universe. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that a particular sector will underperform other sectors, quantitative modeling risks and risks related to company size.

### **MDT Small Cap Value**

This strategy utilizes a small-cap value approach by selecting most of its investments from companies listed in the Russell 2000® Value Index, an index that measures the performance of those companies with lower price-to-book ratios and lower expected growth values within the small-cap segment of the U.S. equity universe. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, quantitative modeling risks and risks related to company size.

### **MDT Market Neutral**

This strategy utilizes a market neutral approach by maintaining approximately equal long and short investments in the market. It does so by selecting most of its long and short investments from companies listed in the Russell 3000® Index, an index that measures the performance of the 3,000 largest U.S. companies by market capitalization representing approximately 98% of the investable domestic equity market. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, risks related to selling securities short, and quantitative modeling risks, and risks related to investing in commodities, such as the adverse effects of unpredicted international monetary and political developments.

### **MDT Balanced**

This strategy currently is only made available to Investment Company clients. For the equity portion of the portfolio, this strategy utilizes a whole market, all-cap/all-style approach by selecting most of its investments from companies listed in the Russell 3000® Index, an index that measures the performance of the 3,000 largest U.S. companies by market capitalization representing approximately 98% of the investable domestic equity market. The equity strategy may also invest in exchange traded funds and other instruments the performance of which is linked to commodities. Investment may also be made in American Depositary Receipts to obtain exposure to foreign markets. For the fixed income portion of the portfolio, a balance between total return and risk is sought to enhance the portfolio's performance through investment in domestic, investment-grade debt securities, U.S. government obligations and mortgage-backed securities. A portion of the portfolio may also be invested in non-investment grade debt securities, foreign debt and derivatives. The fixed income strategy may also invest in other mutual funds. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, risks related to foreign investing, including investing in American Depositary Receipts (ADRs), risks of investing in emerging market countries, currency risks, risks that, as interest rates rise and fall, bond prices will fluctuate, risks that an issuer will default, risks that an issuer may redeem a fixed income security before maturity at a price below or above its current market price, risks of investing in exchange traded funds (ETFs), risks of investing in derivatives, quantitative modeling risks, risks related to investing in commodities, such as the adverse effects of unpredicted international monetary and political developments, and risks that certain types of securities may not be readily sold. Since this investment strategy includes investments in fixed income investments and derivatives, as noted above, we generally engage another investment adviser, such as our affiliate, Federated Investment Counseling, to act as sub-adviser with respect to the non-equity security components of this investment strategy. Clients should refer to any brochure for the applicable sub-adviser for further information on fixed income investments, and/or derivative contracts or hybrid instruments, and the risks related to investing in those types of investments.

### **MDT Micro Cap**

This strategy utilizes a micro-cap/all-style approach by selecting most of its investments from companies listed in the Russell Micro® Index, an index that measures the performance of approximately 2000 of the smallest U.S. companies by market capitalization. The companies in the Russell Micro® Index include 1000 companies smaller than the companies in the small-cap Russell 2000® Index. Risks for this strategy include, for example, risks of the value of equity securities rising and falling, risks of business failure, risks that growth stocks are more volatile than value stocks, risks that value stocks may lag behind growth stocks in an up market, risks that a particular sector will underperform other sectors, quantitative modeling risks, and risks related to very small company size.

## ITEM 9. DISCIPLINARY INFORMATION

To the best of Federated MDTA LLC's knowledge, there are no legal or disciplinary events that are material to a client's or prospective client's evaluation of or the integrity of us.

## ITEM 10. OTHER FINANCIAL INDUSTRY ACTIVITIES AND AFFILIATIONS

### A. Relationships with Brokers/Dealers

As discussed under "Sales Compensation" in Item 5 of this brochure, Federated MDTA LLC is an affiliate through common ownership with Federated Securities Corp., a dually-registered investment adviser, municipal securities dealer and broker/dealer and with Federated International Securities Corp an investment adviser expected to register as a broker/dealer in 2018. These registrations do not imply a certain level of skill or training.

Federated Securities Corp., Federated Investors Tower, 1001 Liberty Avenue, Pittsburgh, PA 15222, acts as distributor of the registered Investment Company and Private Investment Company clients of Federated MDTA LLC and affiliated advisers (*i.e.*, the other Federated Advisory Companies) and as placement agent for Pooled Investment Vehicle clients of Federated MDTA LLC and other Federated Advisory Companies. Federated International Securities Corp., Federated Investors Tower, 1001 Liberty Avenue, Pittsburgh, PA 15222, upon its registration as a broker/dealer, may act as placement agent for Pooled Investment Vehicle clients of other Federated Advisory Companies. Federated Securities Corp.'s and Federated International Securities Corp.'s employees are registered representatives of Federated Securities Corp. and expected to become registered representatives of Federated International Securities Corp., respectively and are salaried employees. As discussed under "Sales Compensation" in Item 5 of this brochure, employee-representatives of Federated Securities Corp. and of Federated International Securities Corp. serve as sales people for, and provide certain investment advice on behalf of, Federated MDTA LLC, and are supervised persons of Federated MDTA LLC.

(Please refer to "Sales Compensation" in Item 5 of this brochure for additional information regarding Federated Securities Corp.'s and Federated International Securities Corp.'s other activities and related arrangements).

The following management persons of Federated MDTA LLC are registered representatives of Federated Securities Corp.:

- J. Christopher Donahue, Director, Chairman
- Gordon J. Ceresino, Vice Chairman
- Stephen Van Meter, Chief Compliance Officer

The following management persons of Federated MDTA LLC are registered financial and operations principals of Federated Securities Corp.:

- Richard A. Novak, Treasurer
- Jeremy D. Boughton, Assistant Treasurer

Upon its registration as a broker/dealer, the following management persons of Federated MDTA LLC are expected to become registered representatives of Federated International Securities Corp.:

- Gordon J. Ceresino, Vice Chairman
- Stephen Van Meter, Chief Compliance Officer

Upon its registration as a broker/dealer, the following management persons of Federated MDTA LLC are expected to become registered financial and operations principals of Federated International Securities Corp.:

- Richard A. Novak, Treasurer
- Jeremy D. Boughton, Assistant Treasurer

Federated MDTA LLC also has certain related persons who are general partners, members or trustees of certain family limited partnerships, limited liability companies or trusts or similar family entities. From time to time, these family entities may invest in companies (such as a broker-dealer) that participate in the financial services industry.

(Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

## **B. Relationships with Commodity Pool Operators and Commodity Trading Advisors**

Certain other Federated Advisory Companies, Federated Investment Management Company, Federated Equity Management Company of Pennsylvania and Federated Global Investment Management Corp., discussed under “Other Investment Advisers” under “Relationships with Certain Related Persons” under “Other Financial Industry Activities and Affiliations” are registered as commodity pool operators.

## **C. Relationships with Certain Related Persons**

The following discusses other arrangements and relationships that Federated MDTA LLC has with our related persons, other than Federated Securities Corp. and Federated International Securities Corp. (Please refer to “Relationships with Brokers/Dealers” in Item 10 of this brochure for a discussion of our arrangements and relationship with Federated Securities Corp. and Federated International Securities Corp.)

In addition to the other relationships discussed below, Federated MDTA LLC has certain managers/directors/trustees, officers and supervised persons in common with:

- Certain other Federated Advisory Companies and other affiliated investment advisers discussed under “Other Investment Advisers” in Item 10 of this brochure; and
- Certain other affiliated companies owned by Federated Investors, Inc. (such as, among others, Federated Securities Corp. and Federated International Securities Corp.) discussed under “Relationships with Brokers/Dealers” and the trust company (Federated Investors Trust Company) discussed under “Trust Company” in Item 10 of this brochure).

Certain of these shared/common managers/directors/trustees, officers, and supervised persons of Federated MDTA LLC also may be directors/trustees or officers of the Investment Companies, Private Investment Companies and Pooled Investment Vehicles discussed under “Investment Companies, Private Investment Companies and Pooled Investment Vehicles” and “Sponsor or Syndicator of Limited Partnerships” in Item 10 of this brochure.

(Please refer to “Performance- Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

### **1. Investment Companies, Private Investment Companies and Pooled Investment Vehicles**

As discussed under “The Types of Accounts/Products We Manage” in Item 4 of this brochure, Federated MDTA LLC serves as investment adviser or sub-adviser to domestic and foreign funds (*i.e.*, Pooled Investment Vehicles) and Investment Companies managed and/or distributed by the Federated Advisory Companies or their affiliates, as well as to other non-affiliated funds and accounts. As discussed under “Fees and Compensation” in Item 5 of this brochure, we may charge our advisory clients a fee other than the fund’s fees on assets which are invested in U.S. registered funds which we or other Federated Advisory Companies may advise. Under appropriate circumstances, Federated MDTA LLC also may advise our clients to invest assets in certain Affiliated Investment Vehicles (*i.e.*, Investment Companies, Private Investment Companies, or Pooled Investment Vehicles advised by us or other Federated Advisory Companies and distributed by Federated Securities Corp.). Except as discussed under “Conflicts of Interest Relating to Affiliated Investment Vehicles” in Item 6 of this brochure, our clients can pay the fees and expenses charged or assessed by any Investment Companies, Private Investment Companies or Pooled Investment Vehicles to the extent that we invest our clients’ assets in Investment Companies, Private Investment Companies and Pooled Investment Vehicles, including those (such as Affiliated Investment Vehicles) that are managed by, are distributed by or receive services from Federated MDTA LLC, the other Federated Advisory Companies or other affiliated companies.

Federated MDTA LLC also has certain related persons who are general partners, members or trustees of certain family limited partnerships, limited liability companies or trusts or similar family entities.

(Please refer to “Performance-Based Fees and Side by Side Management” (including “Conflicts of Interest Relating to Affiliated Investment Vehicles”) in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

## **2. Other Investment Advisers**

As discussed under “Our Ownership Structure” in Item 4 of this brochure, Federated MDTA LLC is an affiliate through common ownership with other SEC-registered investment advisers (*i.e.*, the other Federated Advisory Companies). Registration does not imply a certain level of skill or training. These investment advisers are identified below under “SEC-Registered Advisers.” As discussed under “Our Use of ‘Shared Personnel’ and Third-Party Service Providers” in Item 4 of this brochure, we share certain managers/directors/trustees and officers with the other Federated Advisory Companies. We also share certain supervised persons with certain of the other Federated Advisory Companies. We also receive certain shared services from another Federated Advisory Company, Federated Advisory Services Company. Federated Advisory Services Company provides services exclusively to related persons that are registered investment advisers (*i.e.*, certain of the Federated Advisory Companies). These services vary depending upon whether a Federated Advisory Company manages equity or fixed income assets and consist of equity trading and settlement, fundamental analysis, quantitative analysis, performance attribution, administration and risk management. Federated Advisory Services Company also provides certain back-office, administrative and other services to Federated Investment Counseling, Federated MDTA LLC and Federated Global Investment Management Corp. in support of their Managed Account and Model Portfolio Management businesses. The Federated Advisory Companies also share common compliance policies, procedures and programs.

Federated MDTA LLC also is affiliated through common ownership with certain investment advisers registered with a Foreign Financial Regulatory Authority (foreign adviser) identified below under “Foreign Advisers.”

Federated Investors, Inc. is the ultimate parent company for the following investment advisers:

### SEC-Registered Advisers

(*i.e.*, Federated MDTA LLC and the other Federated Advisory Companies)

- Federated MDTA LLC;
- Federated Investment Counseling;
- Federated Advisory Services Company;
- Federated Equity Management Company of Pennsylvania;
- Federated Global Investment Management Corp.;
- Federated Investment Management Company;
- Federated Securities Corp.;
- Federated International Securities Corp.; and
- Federated Investors (UK) LLP

### Foreign Advisers

Federated International Management Limited, Federated Asset Management GmbH, Federated Investors (UK) LLP, Federated Investors Asia Pacific PTY LTD, Federated Investors Australia Services Ltd., and Federated Investors Canada ULC.

Federated International Management Limited has filed as an exempt reporting adviser with the SEC. Although registered with the SEC, Federated Investors (UK) LLP has a principal place of business outside of the U.S. As of March 1, 2016, Federated Investors Asia Pacific PTY LTD and Federated Investors Australia Services Ltd. are operationally inactive.

(Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

### **3. Trust Company**

Federated MDTA LLC acts as investment adviser to Federated Investors Trust Company in its capacity as trustee for one or more collective investment trust(s)/fund(s) (a type of Pooled Investment Vehicle). Federated Investors Trust Company is affiliated through common ownership with Federated MDTA LLC. Federated Securities Corp. and Federated International Securities Corp., affiliates of Federated MDTA LLC, and their employee-representatives, may sell units of these collective investment trust(s)/fund(s). (Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of this relationship.)

### **4. Sponsor or Syndicator of Limited Partnerships**

Federated MDTA LLC and related persons of Federated MDTA LLC are the Managing Member or General Partner in certain Pooled Investment Vehicles. Clients of Federated MDTA LLC are generally not actively solicited to invest in these funds. However, a client’s assets may be invested in one or more of these Pooled Investment Vehicles by Federated MDTA LLC as part of the overall investment strategy for that client. Assets are invested pursuant to an exemption from the registration requirements of the 1933 Act, and not as part of a public offering. Shares of the Pooled Investment Vehicles are offered for investment only to individuals, organizations or entities that are “accredited investors” within the meaning of Regulation D of the 1933 Act. (Please refer to “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of certain conflicts of interest that arise as a result of these relationships.)

### **D. Relationships with Certain Investment Advisers**

Federated MDTA LLC does not recommend or select other investment advisers for our clients for either direct or indirect compensation. As discussed above, however, Federated MDTA LLC, and/or our affiliates, do have business relationships with affiliated investment advisers (*e.g.*, the other Federated Advisory Companies). These registrations do not imply a certain level of skill or training. The business relationships can create conflicts of interest for Federated MDTA LLC, the other Federated Advisory Companies, and our employees, supervised persons and related persons. For example, we may advise a client to invest in an investment product that is sponsored, managed, distributed or serviced by these other investment advisers to benefit them rather than serve the best interests of our clients or potential clients. (Please refer to “Performance- Based Fees and Side by Side Management” in Item 6 of this brochure for a discussion of conflicts of interest that arise as a result of these relationships.)

## **ITEM 11. CODE OF ETHICS, PARTICIPATION OR INTEREST IN CLIENT TRANSACTIONS AND PERSONAL TRADING**

### **A. Our Code of Ethics**

Federated MDTA LLC and the Federated Advisory Companies have adopted a Code of Ethics for Access Persons (Code of Ethics), which sets forth restrictions and safeguards on certain activities such as personal trading, insider trading, misuse of client information, serving on boards of directors by investment personnel, disclosure of conflicts of interest and receiving/giving gifts and political and charitable contributions. We will provide a copy of our Code of Ethics to any client or prospective client upon request.

Item 6 of this brochure, “Performance-Based Fees And Side By Side Management”, contains a detailed discussion of Federated MDTA LLC’s Code of Ethics and how it addresses conflicts related to Federated MDTA LLC’s participation or interest in client transactions and personal trading. (Please refer to “Conflicts of Interest Relating to Personal Trading” in Item 6 of this brochure for further information regarding our Code of Ethics.)

### **B. Participation or Interest in Client Transactions**

#### **1. Client Investments in Affiliated Investment Vehicles**

While Federated MDTA LLC and our related persons do not generally actively solicit clients to invest in Affiliated Investment Vehicles, we may, from time to time, invest client assets in or recommend investments in Affiliated Investment Vehicles, including, for example, with respect to uninvested cash. (Please refer to “The Types of Accounts/Products We Manage” in Item 6 of this brochure as well as “Sponsor or Syndicator of Limited Partnerships”



in Item 10 of this brochure for further information.) Federated MDTA LLC and our related persons will receive compensation for management of the Affiliated Investment Vehicles; consequently, Federated MDTA LLC may have an incentive to allocate client funds to Affiliated Investment Vehicles in lieu of other investment opportunities. Except in connection with Managed Accounts or our Model Portfolio Management Services, as required by our policies and applicable law, Federated MDTA LLC generally waives or reimburses a portion of its advisory fee equal to the advisory fee paid to the Affiliated Investment Vehicle into which we invest client assets to mitigate this conflict. (Please refer to “Conflicts of Interest Relating to Affiliated Investment Vehicles” and “Conflicts Of Interest Related to Uninvested Cash Positions” in Item 6 of this brochure for further information.)

## **2. Proprietary Accounts**

Federated MDTA LLC or an affiliate (*e.g.*, the other Federated Advisory Companies) will, from time to time, temporarily seed a Proprietary Account for the purposes of establishing an investment strategy or seeding an Investment Company, Private Investment Company or Pooled Investment Vehicle. These investments are generally nominal in relation to both our total managed client assets and our own assets. (Please refer to “Proprietary Accounts” in Item 4 of this brochure and “Performance-Based Fees and Side by Side Management” in Item 6 of this brochure for further information.)

## **3. Principal and Cross Transactions**

Federated MDTA LLC or an affiliate (*e.g.*, the other Federated Advisory Companies) also may from time to time buy or sell portfolio securities:

- Between a Proprietary Account and another client account (including Separate Accounts, Investment Companies, Private Investment Companies, or Pooled Investment Vehicles);
- Between client accounts (including Separate Accounts, Investment Companies, Private Investment Companies, or Pooled Investment Vehicles); or
- Between Proprietary Accounts.

When engaging in such principal or cross transactions, neither Federated MDTA LLC nor our affiliates receive any compensation for acting as a broker/dealer and follow any applicable SEC rules or guidance for cross transactions or, if applicable, principal transactions. (Please refer to “Conflicts of Interest Relating to Certain Cross Transactions” in Item 6 of this brochure for further information regarding conflicts of interest and how they are addressed.)

The above activities can create various actual or potential conflicts of interest for Federated MDTA LLC and our employees, supervised persons and related persons. (Please refer to “Conflicts of Interest Relating to Uninvested Cash Positions,” “Conflicts of Interest Relating to Affiliated Investment Vehicles,” “Conflicts of Interest Relating to Proprietary Accounts” and “Conflicts of Interest Relating to Certain Cross Transactions” in Item 6 of this brochure for further information regarding conflicts of interest and how they are addressed.)

## **C. Personal Trading**

Federated MDTA LLC, and/or our related persons, may invest in the same securities, or related securities, that we or our related persons invest in on behalf of, or recommend to, clients, including at or around the same time. Personal trading practices can create various actual or potential conflicts of interest for Federated MDTA LLC and our employees, supervised persons and related persons. The Code contains significant safeguards designed to protect clients from abuses in this area, such as requirements to obtain prior approval for, and to report, particular transactions. (Please refer to “Conflicts of Interest Relating to Personal Trading” in Item 6 of this brochure for a discussion of conflicts of interest and how they are addressed.)

## **ITEM 12. BROKERAGE PRACTICES**

The following discussion relates to Federated MDTA LLC’s selection of brokers/dealers and intermediaries (collectively, brokers/dealers) for client transactions and the means by which Federated MDTA LLC determines the reasonableness of broker/dealer compensation. The other Federated Advisory Companies apply similar policies and procedures, and engage in similar practices, to those described below to the extent relevant to their businesses.

## **A. Selection Criteria for Brokers/Dealers**

Federated MDTA LLC has two committees responsible for oversight of the firm's brokerage and trading practices - one for equity securities and one for fixed income securities (each, a Brokerage Practices Committee). A primary function, among others, of the committees is to oversee and evaluate the efforts of all Federated Advisory Companies to attain the best available price and most favorable execution (best execution) for client transactions. In seeking "best execution," we seek to obtain for clients the most favorable total cost or proceeds reasonably obtainable under the circumstances. Total cost includes "all in" costs of the trade proceeds, not necessarily the lowest commission rate nor the most expeditious execution. Several quantitative and qualitative factors are considered by our traders when executing a trade, and by our Brokerage Practices Committee when evaluating the quality of execution over time. These factors include:

- Evaluation of each broker/dealer, in total, and in each asset and market group;
- Price;
- Order size;
- Type of security;
- Market conditions;
- Cost and difficulty of execution;
- Likelihood of execution;
- Capital commitment;
- Knowledge of the market;
- Past experience;
- Ability to execute desired volume;
- Ability to act with minimum market impact;
- Ability to execute difficult transactions in unique or complex securities;
- Operational coordination and automation;
- Confidentiality;
- Error correction capability;
- Familiarity with the security, market conditions, trader, and similar factors;
- Reliability;
- Financial strength and record;
- IPO allocation, and
- Deal support or remarketing.

Equity securities may be traded through brokers/dealers (acting as principal or agent) on exchanges or in the over-the-counter market, or in transactions directly with the issuer or with other investors. Transactions may also be executed on a securities exchange or through an alternative trading venue. Federated MDTA LLC seeks to obtain best execution of our clients' trades by balancing the costs inherent in trading, such as opportunity costs, market impact costs and commissions. Generally, we seek to add value to our investment management by using market information to capitalize on market opportunities, actively seek liquidity and discover price.

If we manage an investment account or product pursuant to a balanced or other investment strategy that permits investments in fixed-income or money market securities, we generally engage another investment adviser (which may be another affiliated Federated Advisory Company) to act as sub-adviser with respect to the fixed income or money market component of the investment strategy. Any fixed-income securities purchased and sold on behalf of clients by an applicable Federated Advisory Company are generally traded in an over-the-counter market on a net basis (*i.e.*, without commission) through dealers acting as principal or in transactions directly with the issuer. Dealers derive an undisclosed amount of profit by offering securities at a higher price than their bid price. Some fixed income securities, particularly non-investment grade and municipal securities, may have only one primary market maker.

Federated MDTA LLC has adopted written policies and procedures for brokerage allocation and the use of "soft dollars" (Brokerage Policies). On an annual basis, senior management approves the brokerage commission budget; on a quarterly basis, the Equity Brokerage Practices Committee reviews the annual budget in relation to projected and actual brokerage activity. The budget is determined with input from senior investment personnel. The Chief Investment Officer (CIO) and other members of the Brokerage Practices Committee periodically review the performance of

brokers/dealers. Senior investment personnel are responsible for periodically evaluating the quality and usefulness of the products and services received from or through brokers/dealers that are deemed to assist us in fulfilling our investment management responsibilities (Research Services) and/or executing clients' securities trades (Brokerage Services). Compliance personnel monitor the implementation of the Brokerage Policies.

Although Federated MDTA LLC seeks to use brokers and dealers that we believe to be actively and effectively trading the security being purchased or sold, we may not always obtain the lowest purchase price or highest sale price with respect to a security.

## **1. Research and Other Soft Dollar Benefits**

The Federated Advisory Companies generally do not generate soft dollars in connection with fixed income investment transactions. Accordingly, the soft dollar practices described in this section primarily relate to soft dollars generated in connection with equity transactions by the Federated Advisory Companies (including Federated MDTA LLC) that provide advice and effect transactions relating to equities. To the extent that soft dollars are generated in connection with fixed income investments, similar practices would be followed, consistent with applicable law. For example, soft dollars could be used to purchase research services for managing both equity and fixed income client accounts.

Federated MDTA LLC may execute portfolio transactions with brokers/dealers from or through which we receive Research and Brokerage Services. This means that we receive research and other products or services (other than execution from brokers/dealers or third parties) in connection with client securities transactions. These Research and Brokerage Services are commonly known as "soft dollars" or "soft dollar benefits."

Research and Brokerage Services may be furnished directly to the client, to Federated MDTA LLC or to our related persons. These services have included (and may in the future include):

- Analytical Software;
- Connectivity Service with Broker
- Connectivity Service with Custodian;
- Connectivity Service with Trading System;
- Consultation regarding Investment or Trading Strategy;
- Economic Data;
- External or Telephonic Seminar or Conference;
- Financial Data;
- Financial Newsletter;
- Governance Research or Ratings;
- Market Data;
- Order and Execution Management System;
- Research Report on Security, Industry or Market;
- Trade Analysis;
- Trade Magazine or Technical Journal; and
- Other advice, analysis or data reflecting the expression of reasoning or knowledge.

Where Research and Brokerage Services are not used exclusively for the permissible purposes of making or executing investment decisions, Federated MDTA LLC bears the portion of the cost related to other activities. The Soft Dollar Committee is responsible for establishing good faith allocations based on the expected use of such Research and Brokerage Services, and for periodically reviewing and approving the allocations.

When we use client brokerage commissions (or markups or markdowns in relation to disclosed riskless principal transactions) to obtain research or other products or services for which Federated MDTA LLC or our related persons might otherwise have paid, our expenses are reduced because we do not have to pay for or otherwise provide such services. When selecting brokers/dealers that provide Research and Brokerage Services to execute transactions for client accounts, our traders select the brokers/dealers that the trader reasonably believes will provide the best overall execution (taking into account the provision of Research and Brokerage Services as well as other factors) for each trade. Clients

may pay commissions (or markups or markdowns in relation to disclosed riskless principal transactions) to brokers/dealers that provide Research and Brokerage Services that are higher than those charged by other brokers/dealers.

Research and Brokerage Services received from or through brokers/dealers are used by Federated MDTA LLC and other Federated Advisory Companies in advising and executing transactions on behalf of our respective clients. These services are supplemental to our own research and, when utilized, are subject to internal analysis before being incorporated into our investment management process. Research and Brokerage Services assist the Federated Advisory Companies in their overall investment responsibilities to investment companies and investment accounts for which they have investment discretion. However, any particular Research or Brokerage Services received by the Federated Advisory Companies may not be used to service each and every account, and may not benefit the particular accounts that generated the brokerage commissions. In addition, Research and Brokerage Services paid for with commissions generated by an account may be used in managing other accounts, including accounts that generate limited or no brokerage commissions, and thus, limited or no soft dollar credits (e.g., fixed income accounts, wrap-fee accounts, and non-discretionary accounts). The Federated Advisory Companies believe that each account benefits from this practice because the research and brokerage services received by the Federated Advisory Companies assist the Federated Advisory Companies in fulfilling their overall fiduciary duty to all clients.

When furnishing soft dollar benefits to client accounts, or to a Federated Advisory Company or related persons for the benefit of client accounts, we do not seek to allocate the soft dollar benefits to client accounts in strict proportion to the soft dollar credits generated by the accounts. However, our procedures strive to allocate Research and Brokerage Services in a relatively equitable manner. The Head of Global Equity Trading and the CIO of Equities establish a commission budget for the year identifying a breakdown in commission types (for example: discount, proprietary research, etc.). Equity investment personnel vote on the Research Services to which they would like to subscribe. That output further defines the underlying breakdown of the applicable commission types. The Head of Global Equity Trading regularly monitors the “commission type” breakdown of all trades executed by each individual trader. Consistent with seeking “best execution,” the Head of Global Equity Trading directs traders to conform to the commission budget as best as possible. This process is intended to ensure that the underlying commission-generating accounts are also consuming Research Services in a relatively equitable manner. The soft dollar budget and brokerage allocations are reviewed with the Equity Brokerage Practices Committee quarterly.

The receipt and use of Research and Brokerage Services creates various conflicts of interest for Federated MDTA LLC and our related persons. For example, we may have an incentive to select or recommend brokers/dealers based on our interest in receiving Research and Brokerage Services, rather than on other factors that contribute to most favorable execution. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.)

## **2. Brokerage for Client Referrals**

We do not consider, in selecting or recommending brokers/dealers, whether we or our related persons receive client referrals from brokers/dealers or any third-party.

## **3. Directed Brokerage**

Federated MDTA LLC generally does not recommend, request or require that a client direct us to execute transactions through a specified broker/dealer. The willingness of Federated MDTA LLC to accept such direction may encourage a broker/dealer to refer business to us or our related persons and may result in other conflicts of interest. Federated MDTA LLC does, however, permit clients to direct brokerage, as discussed in further detail below. When a client directs brokerage, we may be unable to achieve most favorable execution of client transactions, and the cost of execution may exceed the cost of execution for similarly situated accounts that do not direct brokerage. For example, in a directed brokerage account, the client may pay higher brokerage commissions because we may not be able to aggregate the client’s orders with those of other clients to reduce transaction costs, or the client may receive less favorable prices. Clients subject to ERISA also must determine that any such direction is for the exclusive purpose of providing benefits to participants and beneficiaries of the plan and will not constitute or cause the plan to engage in a “prohibited transaction” as defined by ERISA.

**a. Separate Accounts and Other Investment Advisory Services**

Clients may limit Federated MDTA LLC's discretionary authority in certain, mutually agreed upon, situations. In particular, clients may direct us to use particular brokers/dealers, in whole or in part, to execute portfolio transactions for their accounts. Where a client directs the use of a particular broker/dealer or a narrow universe of brokers/dealers, we may not be in a position to negotiate commission rates or spreads or obtain volume discounts. (Please refer to "Investment Discretion" in Item 16 of this brochure for more general information on the limitations that may be placed on our discretionary authority).

In addition, it is possible that transactions for a client that directs brokerage may not be aggregated for execution purposes with orders for the same securities for other accounts managed by Federated MDTA LLC. Trades for a client that has directed use of a particular broker/dealer typically are included in Federated MDTA LLC's trade rotation; however, depending upon the circumstances, such directed trades may be placed at the end of aggregated trading activity for a particular security. (Please refer to "Other Conflicts of Interest Relating to Certain Investment and Brokerage Practices" under Item 6 of this brochure for a discussion of Federated MDTA LLC's trade rotation.) Accordingly, directed transactions may be subject to price movements, particularly in volatile markets, that may result in the client receiving a price that is more or less favorable than the price obtained for the aggregated order.

Under these circumstances, the direction by a client to use a particular broker/dealer to execute transactions may result in higher commissions, greater spreads, or less favorable net prices than might be the case if we could select brokers/dealers and negotiate commission rates freely based on best execution. It may also result in limitations on the securities available for purchase for the client's account, such as:

- The purchase of bonds where the designated broker may have a limited inventory and, therefore, may be unable to offer the desired bonds to the client; or
- The purchase of certain thinly-traded securities which may not be readily available at competitive prices from all brokerage firms.

The inability to purchase such securities may reduce the overall portfolio return.

**b. Managed Account Programs**

Certain Managed Account Programs do not expressly direct the use of a particular broker/dealer, but are structured in such a way (in terms of fees and other factors) that transactions are typically executed through the program sponsor or other brokers/dealers affiliated with the programs, consistent with the duty to seek best execution. In certain circumstances, Federated MDTA LLC and other Federated Advisory Companies will execute transactions with other brokers/dealers in pursuit of best execution.

As discussed in more detail under "Fees and Compensation" in Item 5 of this brochure, clients participating in Managed Account Programs generally pay a single fee or fees to cover investment management, custody and brokerage commissions for transactions effected through the Sponsor or other broker/dealer identified with the specific Managed Account Program. Brokerage commissions in Managed Account Programs are generally determined by the designated broker/dealer and included in the Managed Account Program fee. Transactions executed through other brokers/dealers would typically result in additional charges to the client account. Thus, in a traditional Managed Account Program, given the wrapped fee, we generally are not in a position to negotiate commission rates with the brokers/dealers or to aggregate trades with other client accounts for execution purposes (except that we may aggregate trades for accounts within each separate Managed Account Program). However, to the extent permitted by the Managed Account Program and consistent with the policies discussed under the heading "Selection Criteria for Brokers/Dealers" in Item 12 of this brochure, Federated MDTA LLC will execute transactions with other brokers/dealers in pursuit of best execution, which transactions may be aggregated with trades for other client accounts. For example, among other instances where we can trade away, we may execute time-sensitive orders with other brokers/dealers consistent with our obligation to seek best execution; these brokers/dealers may or may not waive or reduce commission costs in exchange for high trade volumes. In addition, in lieu of purchasing or selling ADRs, we may exchange ADRs for local shares or local shares for ADRs directly with an ADR's Sponsor. Although such exchanges typically do not incur commissions, they may incur certain other fees or administrative costs. As a result of these transactions, Managed Account Program clients typically bear additional brokerage expenses in addition to the single fee associated with such programs. Federated MDTA LLC will typically execute transactions in fixed income securities with other broker/dealers; the extent to which Federated

MDTA LLC will execute transactions in other types of securities with other broker/dealers will vary over time and by account.

Similar to Separate Accounts, Managed Account clients (either directly or through the Managed Account Program Sponsor or Platform Provider) may also expressly limit Federated MDTA LLC's discretionary authority, including directing us to use a particular broker/dealer to execute portfolio transactions. In such a case, we may not be in a position to negotiate commission rates or spreads or obtain volume discounts, and such transactions may not be aggregated with orders for the same securities of other accounts managed by Federated MDTA LLC. (Please refer to "Separate Accounts and Other Investment Advisory Services" in this section for further information on the consequences of directing brokerage/trading.)

## **B. Trade Aggregation and Allocation Policy**

Federated MDTA LLC has adopted written policies (Allocation Policies) for the allocation of securities transactions among our clients. The Allocation Policies are premised on Federated MDTA LLC's general practice of aggregating the transactions executed on behalf of our clients and clients of our related persons. We may, but are not obligated to, aggregate transactions. The type of client account or investment product (*e.g.*, direct Separate Account versus Managed Accounts), client transactions, client instructions (*e.g.*, directed brokerage/trading), the investment strategies applicable to client accounts, system capabilities and constraints, and other factors may result in transactions for certain client accounts not being aggregated. If a client transaction is not aggregated, the client may pay higher brokerage commissions, may receive a less favorable price, or incur other costs, which also may affect the performance of the client's account. (Please refer to "Other Conflicts of Interest Relating to Certain Investment and Brokerage Practices" in Item 6 of this brochure for a further discussion of factors that may result in trades not being aggregated, and related conflicts of interest and how they are addressed.)

To the extent that Federated MDTA LLC aggregates client transactions, the Allocation Policies state that Federated MDTA LLC and our related persons must do so in a manner:

- Consistent with the duty to seek best execution of client orders;
- That treats all clients fairly; and
- That does not systematically disadvantage any client.

The Allocation Policies expressly prohibit consideration of compensation or other benefits received by Federated MDTA LLC or our related persons in allocating transactions among clients.

The Allocation Policies set forth procedures for allocating primary and secondary market transactions among clients. The Allocation Policies also provide investment management personnel with guidelines for allocating securities among portfolios with common investment objectives. In some cases, the Allocation Policies may adversely affect the price paid or received by a client or amount of securities purchased or sold by a client. However, we believe that coordination and the ability to participate in volume transactions generally benefits clients.

Federated MDTA LLC periodically reviews the aggregate allocation of our clients' transactions among brokers/dealers and the aggregate amount of commissions paid. Upon request, we will provide a client with aggregate allocation information relating to such client's transactions. Compliance personnel review the Allocation Policies annually with senior trading and investment management personnel. We will furnish a copy of the Allocation Policies upon request.

The trading desk for certain institutional and high net worth separate accounts sourced through the Federated Clover Investment Advisors division of Federated Global Investment Management Corp., may be separate and apart from Federated MDTA LLC's trading desk, so it is therefore possible that certain trades for such accounts may not be able to be batched or aggregated with trades of Federated MDTA LLC's other clients.

## **C. Other Considerations for Certain Separate Accounts, Managed Accounts, Model Portfolio, Management Services, and Other Advisory Services**

From time to time, various potential and actual conflicts of interest arise from the investment and brokerage activities of Federated MDTA LLC and our related persons. We have established policies and procedures that we believe are reasonably designed to address conflicts of interest. (Please refer to "Performance-Based Fees and Side by Side

Management” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.) When we provide recommendations (including recommendations related to security allocations) to Model Portfolio Management Services clients, our recommendations may be based on pricing sources that differ from the pricing sources used by the Sponsors, Platform Providers and/or Overlay Managers of such programs. This in turn may result in variations between the security allocations we provide to the program Sponsor, Platform Providers and/or Overlay Managers and the actual allocations implemented by the program Sponsor, Platform Provider and/or Overlay Manager in Model Portfolio Management Services client accounts.

#### **D. Confidential and Privileged Information**

We may from time to time come into possession of confidential or privileged information about issuers of securities, or other persons or entities and their securities, as a result of their business activities. In such cases, we may be restricted from executing certain trades if doing so could violate our, or our related persons’, insider trading policies and procedures or applicable legal requirements/laws. Federated MDTA LLC, and the other Federated Advisory Companies, have adopted policies and procedures to address the treatment of such confidential or privileged information in a manner that we believe to be reasonable, which may include the imposition of trading restrictions even in the absence of a legal requirement to do so, for example when we believe it is necessary or appropriate to seek to avoid even the possibility or appearance of trading on confidential or privileged information.

These restrictions may have an adverse impact on client accounts or investment products because Federated MDTA LLC may be restricted from executing or recommending transactions that it would otherwise execute or recommend for client accounts or investment products.

#### **E. Error Resolution**

Federated MDTA LLC has adopted written policies and procedures that we believe are reasonably designed to identify and resolve errors that we make in the trade execution and management process (“Trade Errors”). We will evaluate any exception made in the process of managing or placing an order for, or executing a security transaction on behalf of, a client account over which we have investment discretion to determine if it is a Trade Error. Regarding Model Portfolio Management Services, we also will evaluate any exception that we make in the process of providing a model recommendation to an Overlay Manager in a program to determine if it is a model delivery error (collectively, as applicable, with Trade Errors, “Errors”). Consistent with our policies and procedures, and our obligations under applicable law, we strive to identify and resolve Errors that we make promptly, document such Errors, take reasonable steps to seek to prevent the reoccurrence of such Errors and treat clients fairly in resolving such Errors. Where a single Error that we make results in multiple transactions in a client account, gains and losses on these transactions may be netted in evaluating the net impact of such an Error.

### **ITEM 13. REVIEW OF ACCOUNTS**

#### **A. Account Reviews**

As part of our MDT portfolio optimization process, client accounts are reviewed daily. Reviews are performed by portfolio managers or analysts using our proprietary portfolio optimization software.

As part of the daily reviews discussed above, or at other times determined necessary, reviews also are triggered for compliance purposes, such as in connection with compliance monitoring and testing for compliance with investment guidelines and investment restrictions.

#### **B. Reports to Clients**

The reports described below are typically written, but may be delivered electronically as requested by our clients (including, as applicable, their Board of Directors/Trustees or other governing body), or, as applicable, Managed Account Program Sponsors, Platform Providers, Overlay Managers, Trustees or Other Advisors (including, as applicable, primary advisers to sub-advised Investment Companies). Reports to shareholders of our clients that are Investment Companies (or non-U.S. investment companies) also are typically written, but may be delivered electronically as authorized by such shareholders and applicable law.

Our Separate Account clients may receive from Federated MDTA LLC monthly or quarterly performance, current holdings, transaction activity and/or other reports as reasonably requested by the clients. Federated MDTA LLC's reporting obligations typically are set forth in our investment management agreement with our clients and/or addressed through the account setup process. Separate Account clients also will receive account statements and other reports from the custodians for their accounts.

We may provide quarterly performance or other reports to Managed Account Program Sponsors or Platform Providers as required by the Managed Account Program Sponsors or Platform Providers. Federated MDTA LLC's reporting requirements typically are set forth in our agreement with the Managed Account Program Sponsor or Platform Provider. Managed Account Program Sponsors and Platform Providers typically have the ability to reasonably modify, duplicate or incorporate such reports into the reports that they provide to Managed Account Program participants. Participants in these Managed Account Programs may receive quarterly performance and/or other reports, typically from the Managed Account Program Sponsor or Platform Provider, as provided in the Managed Account Program documentation.

As part of our Model Portfolio Management Services, Federated MDTA LLC provides Overlay Managers with model portfolios and updates thereto, as well as model performance and other reports as reasonably requested by the Overlay Managers. Federated MDTA LLC's reporting requirements typically are set forth in our agreement with the Overlay Manager. Overlay Managers may incorporate such model performance or other reports into the reports the Overlay Managers provide to their clients.

We may provide the Board of Directors/Trustees of an Investment Company or non-U.S. investment funds managed by Federated MDTA LLC with monthly and/or quarterly fund performance, sales, securities holdings, securities transaction, affiliate transaction, investment exposure, currency and other reports covering significant/material information as required by the Board of Directors/Trustees. Federated MDTA LLC's reporting requirements typically are described in our investment management agreement or in board materials prepared for quarterly Board of Director/Trustees meetings.

Shareholders of U.S. Investment Companies receive an updated prospectus and annual and semi-annual reports from the Investment Companies' distributors. Shareholders of non-U.S. investment companies receive annual and semiannual reports.

Federated MDTA LLC may provide reports to Pooled Investment Vehicle clients as reasonably requested by the client, or its governing body, or as required in the organic documents for such client.

We may provide the Trustee of collective investment funds with daily and monthly reports on transaction activity, performance, and other matters as reasonably requested by the Trustee.

Participant Trusts of collective investment funds and common funds may receive quarterly and/or annual reports and annually-updated offering circulars.

When Federated MDTA LLC performs sub-advisory or other services for Other Advisors, we may provide monthly or quarterly performance, current holdings, transaction activity and/or other reports as reasonably requested by the Other Advisors. Federated MDTA LLC's reporting obligations typically are set forth in our sub-investment management or other agreement with the Other Advisors.

When we perform sub-advisory services for an Investment Company, we may provide the Board of Directors/Trustees of an Investment Company sub-advised by us with such reports covering significant/material information as required by the Board of Directors/Trustees of the Investment Company or the Investment Company's primary investment adviser. Federated MDTA LLC's reporting requirements typically are described in our sub-investment management agreement or in board materials prepared for quarterly Board of Director/Trustees meetings.

In addition to the above reports, Federated MDTA LLC generally will provide our clients with reasonable, periodic access to our investment personnel through conference calls or other reasonably agreed upon means (such as quarterly in-person meetings) to discuss their accounts or our services and any questions regarding their accounts or our services.



## ITEM 14. CLIENT REFERRALS AND OTHER COMPENSATION

### A. Arrangements Involving Receipt of Economic Benefits from Non-Clients

As discussed under “Brokerage Practices” in Item 12 of this brochure, some brokers or dealers that execute portfolio transactions for Federated MDTA LLC and our affiliates (*e.g.*, certain other Federated Advisory Companies) and their clients, may furnish Research and Brokerage Services which may be used by us and our affiliates in advising Investment Companies, Private Investment Companies, Pooled Investment Vehicles, Separate Accounts, Managed Accounts and other accounts. To the extent that receipt of these services and software may supplant services for which we or our affiliates might otherwise have paid, expenses would be reduced.

As discussed under “Our Advisory Services” in Item 4 of this brochure, Federated MDTA LLC and our affiliates (*e.g.*, certain other Federated Advisory Companies) act as portfolio managers in Managed Account Programs. In Managed Account Program arrangements, we, and certain of our affiliates, receive fees from Sponsors to the Managed Account Programs, or Related Platform Providers, for services rendered to Managed Account Program participants. To the extent that the Sponsor or Platform Provider is not considered a client, and Managed Account Program participants may be deemed to be clients, we, and certain of our affiliates, could be viewed as receiving cash from a non-client in connection with advice given to Managed Account Program participants. Similarly, we, and certain of our affiliates, receive fees for investment advisory services provided to sub-advisory clients from the primary advisers for those clients.

As discussed under “Sales Compensation” in Item 5 of this brochure, Federated MDTA LLC and certain other Federated Advisory Companies have entered into a written agreement with our affiliate, Federated Securities Corp., a registered broker-dealer, municipal securities dealer, and investment adviser as well as with Federated International Securities Corp., an investment adviser expected to register as a broker/dealer in 2018. Under these arrangements, employee-representatives of Federated Securities Corp. or Federated International Securities Corp. may also serve as sales people for the investment services and products sponsored by Federated and investment advisory services offered by Federated MDTA LLC and certain of the other Federated Advisory Companies. Federated Securities Corp., Federated International Securities Corp. and their employee-representatives, act in the capacity of solicitors for Federated MDTA LLC and certain other Federated Advisory Companies. In certain cases, Federated Securities Corp. or Federated International Securities Corp., and their employee-representatives, also provide advice on behalf of us and other Federated Advisory Companies to the institutional, high-net worth, separately managed account/wrap fee account and other clients of Federated MDTA LLC and other Federated Advisory Companies. Federated Securities Corp. and Federated International Securities Corp. receive compensation from us and such other Federated Advisory Companies (in the form of an intercompany credit) for performing these activities on our and their behalf. Federated Securities Corp.’s or Federated International Securities Corp.’s employee-representatives also may receive compensation from Federated Securities Corp. or from Federated International Securities Corp. for performing such solicitation and other functions. In connection with these services, under applicable guidance issued by the SEC, Federated Securities Corp.’s and Federated International Securities Corp.’s relevant regulatory history, if any, is required to be disclosed to clients and potential clients.

Employees and supervised persons of Federated MDTA LLC and/or our affiliates (*e.g.*, the other Federated Advisory Companies) also may receive salaries, bonuses and certain sales awards, such as travel and entertainment, from Federated Investors or other affiliates. For example, Federated Securities Corp.’s or Federated International Securities Corp.’s employee-representatives are salaried employees of Federated Securities Corp. or of Federated International Securities Corp., respectively and receive no commission, fees or other remuneration in connection with individual securities transactions. Bonuses may be based on a number of factors, including mutual fund/account sales, net sales, increase in average annual assets and/or revenue of assigned accounts/investment products or territories, and, for certain sales managers, Federated Investors, Inc.’s overall financial results. Certain employee-representatives may be eligible to receive a portion of their annual bonus in cash or a combination of cash and restricted stock of Federated Investors, Inc. Finally, investment professionals may receive a fixed-base salary and a variable annual incentive or bonus. Base salary is determined within a market competitive, position-specific salary range, based on the portfolio manager’s experience and performance. The annual incentive amount or bonus is determined based primarily on the performance of the investment accounts, strategies and/or funds/products managed by the investment professional and may be paid entirely in cash, or in a combination of cash and restricted stock of Federated Investors. There also can be a discretionary component based on a variety of factors, including, among others, financial measures and performance. The allocation or weighting given to the performance of any account, strategy and/or fund/product when compensation is calculated, can vary. The performance of any such account, strategy and/or fund/product may or may not represent a

significant portion of the calculation at any point in time (and may be adjusted periodically). Investment performance is based on a variety of factors including performance versus account, strategy and/or fund/product specific benchmarks. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.) Such employees and supervised persons also may receive certain entertainment and gifts from third parties to the extent permitted under Federated MDTA LLC’s, and the other Federated Advisory Companies’, Code of Ethics. (Please refer to “Our Code of Ethics” in Item 11 of this brochure for further information on Federated MDTA LLC’s Code of Ethics.)

We also may be provided with office space, phone systems, computer systems, internet and other administrative, clerical and technical support from or through our ultimate parent company, Federated Investors, Inc., or its affiliates.

Arrangements in which Federated MDTA LLC or our related persons receive economic benefits from non-clients create conflicts of interest for us and our related persons. We, and our employees and supervised persons, have an incentive to favor these non-clients over the interests of our clients. For example, we, and our employees and supervised persons, have an incentive to utilize the services of a particular broker/dealer, or recommend a particular security to or buy a particular security for, a client account based on economic benefits received from the broker/dealer or issuer or placement agent.

(Please refer to “Sales Compensation” in Item 5 of this brochure for additional information regarding these arrangements.) Conflicts of interest also arise in connection with certain portfolio manager or other employee and supervised person compensation arrangements. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.)

#### **B. Arrangements Where Compensation is Paid to Another Person for Client Referrals**

Federated MDTA LLC and our affiliates (*e.g.*, certain other Federated Advisory Companies) may enter into various arrangements pursuant to which employees, or affiliated and unaffiliated third parties, may be compensated, directly or indirectly, for referring clients to Federated MDTA LLC or our affiliates. (Please refer to “Arrangements Involving Receipt of Economic Benefits from Non-Clients” in Item 5 of this brochure for further information.) Such compensation will not result in a charge to investment advisory clients, or in any differential in the level of advisory fees customarily charged, unless specifically disclosed to clients.

While not advisory clients of the Federated Advisory Companies (unless a separate advisory relationship exists), we and our affiliates may enter into arrangements pursuant to which potential shareholders are solicited for investment in Investment Companies or other investment products sponsored, managed, serviced or distributed by Federated Investors of the Federated Advisory Companies (including Affiliated Investment Vehicles).

Arrangements where we, or our affiliates (*e.g.*, certain other Federated Advisory Companies), pay compensation to solicitors for referrals create conflicts of interest for us, and our affiliates, as well as the solicitors. We, and our employees and supervised persons, and our affiliates, have an incentive to utilize or recommend the solicitor’s products and services. The solicitor also has a financial incentive to favor the services of, and products sponsored, distributed or managed by, Federated MDTA LLC and our affiliates, over the interest of clients. (Please refer to “Conflicts of Interest Relating to Receipt of Compensation or Benefits, Other Than Advisory Fees” in Item 6 of this brochure for a further discussion of these conflicts of interest and how they are addressed.)

### **ITEM 15. CUSTODY**

Under SEC Rule 206(4)-2 under the Advisers Act, Federated MDTA LLC is deemed to have custody of client funds because, in certain cases, we have arrangements that authorize us to have our advisory fees deducted from client accounts. (Please refer to “Fees and Compensation” in Item 5 of this brochure for further information regarding these arrangements.) To address potential conflicts of interest, and other possible client concerns with these arrangements, we have policies and procedures in place which we believe are reasonably designed to seek to ensure that the amount of assets under management on which our fees are billed is accurate and that our fees are consistent with the terms of our investment management agreements with our clients. For example, we either have segregated the responsibilities of

employees responsible for invoicing and collecting our fees or our auditing department periodically reviews our practices. We also periodically test on a sample basis our fee calculations to confirm their accuracy. Federated MDTA LLC also is deemed to have custody of client assets that are invested in a Pooled Investment Vehicle for which Federated MDTA LLC serves as the Managing Member of such fund. The assets of such Pooled Investment Vehicle, however, are held by a qualified custodian as defined under SEC Rule 206(4)-2 under the Advisers Act. Except as described above, neither we, nor any related person, hold, directly or indirectly, funds or securities of Federated MDTA LLC's clients or have any authority to obtain possession of them in connection with the advisory services that Federated MDTA LLC provides to our clients.

We generally do not open accounts for our clients with qualified custodians. Clients generally are responsible for opening their own accounts directly with a qualified custodian or through an intermediary, such as a Managed Account Program Sponsor, Platform Provider or Overlay Manager. Qualified custodians include banks, savings associations, registered brokers/dealers, registered futures commission merchants, and foreign financial institutions that customarily hold financial assets for their customers on a segregated basis. For Investment Company (*i.e.*, mutual fund) shares, the Investment Company's transfer agent is considered the custodian.

Clients will receive account statements from the broker/dealer, bank or other qualified custodian for their accounts and clients should carefully review those statements. If you also receive an account report from us, we urge you to compare the account statement that you receive from the qualified custodian with any report you receive from us.

Related persons of Federated MDTA LLC (*e.g.*, certain other Federated Advisory Companies) are sometimes asked by clients for suggestions of entities to act as custodians for accounts and, in response, recommend commercial banks or brokers/dealers that act in that capacity. When asked for a recommendation concerning a custodian, consideration will be given to a number of factors such as the ability to execute trades, the custodian's experience in acting as custodian for the type(s) of assets owned by the client, the overall cost of the custodian's services, the custodian's willingness to allow trading through other brokers or dealers, the custodian's willingness to perform the recordkeeping necessary to allow clients to pool their transactions in order to obtain the best price and execution, the custodian's geographic proximity to the client which may enhance the client's ability to deal with the custodian, the willingness and ability of the custodian to assist the client in transferring assets and distributions and overall service.

#### **ITEM 16. INVESTMENT DISCRETION**

As discussed under "Our Advisory Services" in Item 4 of this brochure, Federated MDTA LLC accepts discretionary authority on behalf of clients to manage their accounts. If we accept discretionary authority, we typically obtain this authority at the outset of an advisory relationship. This authority permits us to select the identity and amount of securities to be bought and sold for a client's account without prior consultation with the client. The types and amounts of securities traded by Federated MDTA LLC or our related persons on behalf of any client's portfolio are limited by the written investment objectives, policies, guidelines and restrictions/limitations that may be provided by the client or which are adopted by such client's board of trustees/directors or other governing body (the Board). Ordinarily, the Board does not adopt express limitations on which brokers/dealers may be used or what commissions are paid.

We strive to tailor our Investment Supervisory Services to the individual needs of our clients. For example, we generally permit clients to impose reasonable restrictions on investment in certain securities or types of securities. We will consider a restriction reasonable if, in our judgment, the restriction does not impair, in any material or other significant manner, our ability to manage a client's assets in accordance with the investment strategy and guidelines for that client's account. In all cases, our investment discretion is exercised in a manner consistent with the stated investment objectives, policies, guidelines, and restrictions/limitations for a particular client account or investment product.

Examples of restrictions or limitations that clients may (or customarily do) place on our discretionary authority include, among other possible restrictions or limitations:

- Not to invest in certain securities or types of securities or other investments (such as privately issued securities or Rule 144A securities, or all or certain derivatives);
- Not to engage in certain investment-related techniques or practices, such as soft dollars, securities lending or shorting of securities;

- Not to invest in securities issued by companies in certain specific industries or categories identified by a client (such as, for example, tobacco companies), including any industries that the client does not consider to be socially responsible;
- Not to invest in investments that will result in a tax-exempt client receiving unrelated business taxable income;
- Not to invest in securities issued by companies affiliated with the client;
- Not to invest in securities of Federated Investors, Inc. or its affiliates; and
- To direct brokerage/trading of securities transactions to particular brokers/dealers (we do not recommend, request or require directed brokerage/trading. (Please refer to “Directed Brokerage” in Item 12 of this brochure.)

We also endeavor to comply with restrictions or limitations under applicable law for example, such as, not investing in securities issued by companies that a client, or applicable law, consider to be supporting certain terrorist or embargoed nations.

In certain Managed Account programs, Federated MDTA LLC’s investment discretion also may be limited by policies, procedures and limitations imposed in connection with the Managed Account Programs (whether by the program Sponsor, Platform Provider, custodian or other third parties involved with the administration, operation and management of the Managed Account Programs). For example, our ability to purchase a security for a Managed Account client’s account may be limited, or delayed for a period of time (sometimes at least 31 days) if a Managed Account Program has a policy of preventing the acquisition of a security within 30 days of its disposition (a transaction sometimes referred to as a “wash sale”) in order to preserve potential losses realized on the disposition of such security under applicable tax law.

Our discretionary authority also may be limited by applicable securities, tax, and other laws. For example, for accounts subject to ERISA, our discretionary authority may be limited by certain requirements of or prohibitions in ERISA. For Investment Companies and Private Investment Companies, our discretionary authority also may be limited by certain federal securities laws or tax laws that require diversification of investments or, to obtain a more favorable tax treatment, favor the holding of investments once made.

As discussed under “Requirements for Accounts” in Item 7 of this brochure, Federated MDTA LLC requires clients to enter into an investment management agreement with us. Our investment management agreements contain grants of authority from our clients that allow us to manage client assets and, in certain cases, we may request clients to execute and deliver a separate, stand-alone power of attorney. Managed Account clients may not enter into an investment management agreement directly with us. In that case, Managed Account clients will enter into investment management and/or other agreements with the Sponsors, Platform Providers or Overlay Managers for the Managed Account Program. We also may request clients to provide proof of authority, directed trading letters, qualified purchaser or accredited investor letters/certifications, or other information to allow us to manage client assets. (Please refer to “Requirements for Accounts” in Item 7 of this brochure for further information.)

Investment objectives, policies, guidelines, and restrictions/limitations generally are required to be in writing. The scope of our investment discretion is generally described in our investment management agreements with our clients and/or in the disclosure documents for the investment products that we manage. Except for the limited ability to have fees deducted from client accounts as discussed under “Fees and Compensation” in Item 5 of this brochure, our investment discretion does not include the ability to withdraw client securities or other assets for our own benefit.

## ITEM 17. VOTING CLIENT SECURITIES

We will accept the authority to vote proxies with respect to securities held in client accounts to which we provide discretionary investment advisory services. The scope of our authority to vote proxies typically is set forth in our investment management agreements with our clients or, in the case of Managed Accounts, in our agreements with the Managed Account Program Sponsors and Platform Providers and the client’s Managed Account documentation. With respect to Model Portfolio Management Services and other non-discretionary investment advisory services, we typically will not vote proxies. However, we may provide voting recommendations to such clients or Managed Account Program Sponsors, Platform Providers and Overlay Managers.

Federated MDTA LLC has adopted proxy voting policies and procedures. Federated MDTA LLC's general policy is to cast proxy votes in favor of management proposals and shareholder proposals that we anticipate will enhance the long-term value of the securities being voted.

Federated MDTA LLC also generally votes consistently on the same matter when securities of an issuer are held by multiple client portfolios, unless Federated MDTA LLC has received explicit voting instructions from a client to vote differently on behalf of its portfolio.

To the extent that we have accepted authority to vote securities in a client's account, a client generally can direct how Federated MDTA LLC votes with respect to a particular solicitation. A client wishing to do so should submit a written instruction to us at the address specified for notices in the client's investment management agreement with us. Managed Account Program clients may be required to submit a written instruction to the Managed Account Program Sponsor or Platform Provider. Federated MDTA LLC will endeavor to vote in accordance with any such written instructions that are timely communicated to Federated MDTA LLC and received by us reasonably in advance of the time that we, or our proxy voting service, votes with respect to a particular solicitation.

Conflicts of interest arise from time to time between the interests of Federated MDTA LLC and/or our affiliates (e.g., the other Federated Advisory Companies), and the interests of our clients. Federated MDTA LLC has adopted procedures to address situations where a matter on which a proxy is sought may present a potential conflict between the interests of the client and those of Federated MDTA LLC or our affiliates. If such potential material conflicts of interest do arise, Federated MDTA LLC will analyze and document them and shall ultimately vote the relevant proxies in what Federated MDTA LLC believes to be the best long-term economic interests of its clients. The Federated Proxy Voting Committee is responsible for monitoring and reporting with respect to such potential material conflicts of interest.

If we do not have the authority to vote proxies for a client's account, a client generally will receive proxies or other solicitations from their custodian, transfer agent or other intermediary. If we inadvertently receive a proxy or other solicitation, we will endeavor to return it promptly to the custodian, transfer agent or other intermediary (e.g., a proxy aggregator or, for Managed Accounts, from the Managed Account Program Sponsor or Platform Provider if different from the custodian) for the client's account, although there is no guarantee that it would be returned either by us or the intermediary prior to the voting deadline for the solicitation. The client can still ask us questions regarding the particular solicitation by sending us the question in writing at the address specified below. We will endeavor to respond to questions in a timely manner, but there is no guarantee that a response will be received by the client prior to the voting deadline for the solicitation.

We will furnish a copy of our proxy voting policies and procedures to any client upon such client's written request. A client can additionally request at any time a record of all votes cast for its portfolio. The record reflects the proxy issues that we voted for the client during the past year, as well as the position taken with respect to each issue. Written requests should be sent to:

Investment Administration-Proxy Services  
c/o Federated MDT Advisers  
125 High Street  
Oliver Street Tower, 21st Floor  
Boston, Massachusetts 02110

## **ITEM 18. FINANCIAL INFORMATION**

Federated MDTA LLC is not required to include a balance sheet for our most recent fiscal year because we do not require or solicit prepayment of more than \$1,200 in fees per client, six months or more in advance. Even though we do not require prepayment of our advisory fees, since we accept discretionary investment authority over client assets as discussed under "Investment Discretion" in Item 16 of this brochure and are deemed to have custody of client assets as discussed under "Custody" in Item 15 of this brochure, we disclose that there are no financial conditions affecting us that are reasonably likely to impair our ability to meet contractual commitments to our clients. We also disclose that we have not been subject to a bankruptcy petition at any time during the past ten years.

## **PRIVACY POLICY AND NOTICE**

Federated is committed to maintaining the confidentiality, security and integrity of client and shareholder information. We want you to understand how Federated obtains information, how that information is used and how it is kept secure.

### **Personal Information Federated Collects**

Federated may collect nonpublic personal information about you from the following sources:

- We may collect information from you or your financial representative on account applications, other forms or electronically, such as your name, address, Social Security Number, assets and income.
- We may collect information from you or your financial representative through transactions, correspondence and other communications, such as specific investments and account balances.
- We may obtain other personal information in connection with providing you a financial product or service, such as depository or debit account numbers.

### **Information Sharing Policy**

Except as described below, Federated does not share customer information or disclose any personal information about you. If you decide to close your account(s) or become an inactive customer, we will continue to follow these privacy policies and practices.

Federated will not disclose personal information, account numbers, access numbers or access codes for deposit or transaction accounts to any nonaffiliated third party for use in telemarketing, direct mail or other marketing purposes.

Federated limits the sharing of nonpublic personal information about you with financial or non-financial companies or other entities, including companies affiliated with Federated, and other, nonaffiliated third parties, to the following:

- Information that is necessary and required to process a transaction or to service a customer relationship. For example, with a company that provides account record keeping services or proxy services to shareholders.
- Information that is required or permitted by law. For example, to protect you against fraud or with someone who has a legal or beneficial interest, such as your power of attorney, or in response to a subpoena.
- We may disclose some or all of the information described above with companies that perform marketing or other services on our behalf. For example, with the financial intermediary (bank, investment advisor, or broker/dealer) through whom you purchased Federated products or services, or with providers of marketing, legal, accounting or other professional services.
- Notwithstanding any other provision of this policy, for the avoidance of doubt, nothing herein prevents reporting possible violations of federal law or regulation to any governmental agency or entity, or making other disclosures, protected under the whistleblower provisions of federal law or regulation. However, the protections provided for non-public personal information under state and federal privacy rules are not superseded by the federal whistleblower rules. As a result, the release of non-public personal information, even to a government agency or entity, remains protected under state and federal privacy rules, and could be considered a violation of federal privacy rules, until the SEC or other government entity specifically request the non-public personal information to support a claim made by the whistleblower.

### **Information Security**

Federated maintains physical, electronic, and procedural safeguards to protect your nonpublic personal information, and has procedures in place for its appropriate disposal and protection against its unauthorized access or use when we are no longer required to maintain the information.

When Federated shares nonpublic personal information, the information is made available for limited purposes and under controlled circumstances. We require third parties to comply with our standards for security and confidentiality. These requirements are included in written agreements between Federated and such third-party service providers.

Each of the following sections explains an aspect of Federated's commitment to protecting your personal information and respecting your privacy.

## **Employee Access to Information**

All Federated employees must adhere to Federated's privacy and confidentiality policies. Employee access to nonpublic personal information is authorized for business purposes only and is based on an employee's need for the information to service a customer's account or comply with legal requirements.

## **Visiting a Federated Website**

- Federated's website maintains statistics about the number of visitors and the information viewed most frequently. These statistics are used to improve the content and level of service we provide to our clients and shareholders.
- Information or data entered into a website will be retained.
- Where registration or reentering personal information on a website is required, "cookies" are used to improve your online experience. A cookie is a small file stored on your computer that recognizes whether you have visited our site before and identifies you each time you visit. Cookies provide faster access into the website.
- We may also obtain non-personally identifiable Internet Protocol ("IP") addresses for all other visitors to monitor the number of visitors to the site; these addresses are never shared with any third party.

## **Restricted Access Website**

Federated provides restricted sections of its websites for Investment Professionals and certain clients or shareholders. Information entered in these sites is only accessible by those individual clients or shareholders, persons with whom they share access information, a limited number of Federated employees and Federated's service providers who maintain website functionality. Federated does not permit the use of that information for any purpose, or the renting, selling, trading, or otherwise releasing or disclosing of information to any other party.

## **Email**

If you have opted to receive marketing information from Federated by email, our policy requires that all messages include instructions for canceling subsequent email programs. Some products or services from Federated are intended to be delivered and serviced electronically. Email communication may be utilized in such cases. Please do not provide any account or personal information such as Social Security Numbers, account numbers, or account balances within your email correspondence to us. We will not use unsecured email to execute transaction instructions, provide personal account information, or change account registration.

## **Surveys / Aggregate Data**

Periodically, Federated may conduct surveys about financial products and services or review elements of customer information in an effort to forecast future business needs. We then generate reports that are used for Federated's planning, analytical and other corporate purposes.

## **Changes to Our Privacy Statement**

Federated reserves the right to modify this privacy statement at any time. We will notify you of any changes that may affect your rights under this policy statement.

## **We Welcome Your Comments**

Federated welcomes your questions and comments about our Privacy Policy. Client Service Representatives are available at 1-800-341-7400, Monday through Friday from 8:00 a.m. to 6:00 p.m. ET.

This privacy disclosure applies to: Federated Investors, Inc. and each of its wholly owned broker/dealer, investment advisor and other subsidiaries.

This policy is effective December 1, 2017.