

## STATEMENT OF ADDITIONAL INFORMATION

January 31, 2020



### ETF MANAGERS TRUST

ETFMG Prime Mobile Payments ETF (**IPAY**)

ETFMG Prime Cyber Security ETF (**HACK**)

ETFMG Prime Junior Silver Miners ETF (**SILJ**)

ETFMG Drone Economy Strategy ETF (**IFLY**)

ETFMG Video Game Tech ETF (**GAMR**)

*each listed on NYSE Arca, Inc.*

This Statement of Additional Information (“SAI”) is not a prospectus and should be read in conjunction with the prospectus dated January 31, 2020, as may be supplemented from time to time (the “Prospectus”), of the ETFMG Prime Mobile Payments ETF (the “Mobile Payments ETF”), ETFMG Prime Cyber Security ETF (the “Cyber Security ETF”), ETFMG Prime Junior Silver Miners ETF (the “Junior Silver ETF”), ETFMG Drone Economy Strategy ETF (the “Drone Economy ETF”), and ETFMG Video Game Tech ETF (the “Video Game Tech ETF”) (each a “Fund” and collectively, the “Funds”). The Funds’ names changed effective August 1, 2017, prior to which they were known as the PureFunds® ISE Mobile Payments™ ETF, PureFunds® ISE Cyber Security™ ETF, PureFunds® ISE Junior Silver™ (Small Cap Miners/Explorers) ETF, PureFunds® Drone Economy Strategy ETF, and PureFunds® Video Game Tech ETF, respectively. The Financial Statements and Notes contained in the Annual Report of the Funds for the fiscal year ended September 30, 2019 (the “Annual Report”) are incorporated by reference into and are deemed part of this SAI. Capitalized terms used herein that are not defined have the same meaning as in the Prospectus, unless otherwise noted. A copy of the Prospectus and Annual Report may be obtained without charge, by writing the Funds’ distributor, ETFMG Financial LLC (the “Distributor”), 30 Maple Street, 2<sup>nd</sup> Floor, Summit, New Jersey 07901, by visiting the Funds’ website at [www.etfmg.com](http://www.etfmg.com) or by calling 1-844-383-6477.

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## **GENERAL INFORMATION ABOUT THE TRUST**

ETF Managers Trust (the “Trust” and formerly known as FactorShares Trust) is an open-end management investment company currently consisting of multiple investment series, including the Funds. The Trust was organized as a Delaware statutory trust on July 1, 2009. The Trust is registered with the Securities and Exchange Commission (the “SEC”) under the Investment Company Act of 1940, as amended, (the “1940 Act”) as an open-end management investment company and the offering of the Funds’ shares (“Shares”) is registered under the Securities Act of 1933, as amended (the “Securities Act”). ETF Managers Group LLC (the “Adviser”) serves as investment adviser to the Funds. The investment objective of the Funds is to provide investment results that, before fees and expenses, correspond generally to the price and yield performance of a specified market index (each an “Index” or “Underlying Index” and, collectively, the “Indexes” or “Underlying Indexes”).

Each Fund offers and issues Shares at their net asset value only in aggregations of a specified number of Shares (each, a “Creation Unit”). Each Fund generally offers and issues Shares in exchange for a basket of securities included in its Index (“Deposit Securities”) together with the deposit of a specified cash payment (“Cash Component”). The Trust reserves the right to permit or require the substitution of a “cash in lieu” amount (“Deposit Cash”) to be added to the Cash Component to replace any Deposit Security. Shares of each Fund are listed on the NYSE Arca, Inc. (the “NYSE Arca” or “Exchange”) and trade on the Exchange at market prices. These prices may differ from the Shares’ net asset values. The Shares are also redeemable only in Creation Unit aggregations, and generally in exchange for portfolio securities and a specified cash payment. A Creation Unit of a Fund consists of at least 50,000 Shares.

Shares may be issued in advance of receipt of Deposit Securities subject to various conditions including a requirement to maintain on deposit with the Trust an amount in cash at least equal to a specified percentage of the market value of the missing Deposit Securities as set forth in the Participant Agreement (as defined below). The Trust may impose a transaction fee for each creation or redemption. In all cases, such fees will be limited in accordance with the requirements of the SEC applicable to management investment companies offering redeemable securities.

## **CONTINUOUS OFFERING**

The method by which Creation Units of Shares are created and sold may raise certain issues under applicable securities laws. Because new Creation Units of Shares are issued and sold by the Trust on an ongoing basis, at any point a “distribution,” as such term is used in the Securities Act, may occur. Broker-dealers and other persons are cautioned that some activities on their part may, depending on the circumstances, result in their being deemed participants in a distribution in a manner which could render them statutory underwriters and subject them to the prospectus delivery and liability provisions of the Securities Act.

For example, a broker-dealer firm or its client may be deemed a statutory underwriter if it takes Creation Units after placing an order with the Distributor, breaks them down into constituent Shares, and sells such Shares directly to customers, or if it chooses to couple the creation of a supply of new Shares with an active selling effort involving solicitation of secondary market demand for Shares. A determination of whether one is an underwriter for purposes of the Securities Act must take into account all the facts and circumstances pertaining to the activities of the broker-dealer or its client in the particular case, and the examples mentioned above should not be considered a complete description of all the activities that could lead to a categorization as an underwriter.

Broker-dealer firms should also note that dealers who are not “underwriters” but are effecting transactions in Shares, whether or not participating in the distribution of Shares, are generally required to deliver a prospectus. This is because the prospectus delivery exemption in Section 4(a)(3) of the Securities Act is not available in respect of such transactions as a result of Section 24(d) of the 1940 Act. Firms that incur a prospectus-delivery obligation with respect to Shares of the Funds are reminded that under Securities Act Rule 153, a prospectus-delivery obligation under Section 5(b)(2) of the Securities Act owed to an exchange member in connection with a sale on the exchange is satisfied by the fact that the Funds’ prospectus is available at the exchange upon request. The prospectus delivery mechanism provided in Rule 153 is only available with respect to transactions on an exchange.

## **PORTFOLIO HOLDINGS**

### **Policy on Disclosure of Portfolio Holdings**

The Board of Trustees of the Trust (the “Board”) has adopted a policy on disclosure of portfolio holdings, which it believes is in the best interest of each Fund’s shareholders. The policy requires that a Fund’s portfolio holdings be disclosed in a manner that: (i) is consistent with applicable legal requirements and is in the best interests of the Fund’s shareholders; (ii) does not put the interests of the Adviser or the Distributor, or any affiliated person of the Adviser or the Distributor, above those of the Fund’s shareholders; (iii) does not advantage any current or prospective Fund shareholder over any other current or prospective Fund shareholder, except to the extent that certain entities (as described below) may receive portfolio holdings information not available to other current or prospective Fund shareholders in connection with the dissemination of information necessary for transactions in Creation Units; and (iv) does not provide selective access to portfolio holdings information except pursuant to the procedures outlined below and to the extent appropriate confidentiality arrangements limiting the use of such information are in effect.

The “entities” referred to in sub-section (iii) above are generally limited to National Securities Clearing Corporation (“NSCC”) members and subscribers to various fee-based subscription services, including Authorized Participants (defined below), and other institutional market participants and entities that provide information services.

Each business day portfolio holdings information will be provided to a Fund's transfer agent or other agent for dissemination through the facilities of the NSCC and/or other fee based subscription services to NSCC members and/or subscribers to those other fee based subscription services, including Authorized Participants (defined below), and to entities that publish and/or analyze such information in connection with the process of purchasing or redeeming Creation Units or trading shares of the Fund in the secondary market. Information with respect to a Fund's portfolio holdings is also disseminated daily on the Fund's website.

The transfer agent may also make available portfolio holdings information to other institutional market participants and entities that provide information services. This information typically reflects the Fund's anticipated holdings on the following business day. "Authorized Participants" are broker-dealer firms that have entered into Authorized Participant Agreements with the Distributor to purchase and redeem large blocks of shares (known as Creation Units) pursuant to legal requirements, including the exemptive order granted by the SEC, through which the Funds offer and redeem shares. Other than portfolio holdings information made available in connection with the creation/redemption process, as discussed above, portfolio holdings information that is not filed with the SEC or posted on the publicly available website may be provided to third parties only in limited circumstances, as described above.

Disclosure to providers of auditing, custody, proxy voting, liquidity risk management and other similar services for the Funds, broker-dealers that are involved in executing portfolio transactions on behalf of the Funds, as well as rating and ranking organizations, will generally be permitted; however, information may be disclosed to other third parties (including, without limitation, individuals, institutional investors, and Authorized Participants that sell shares of the Funds) only upon approval by the Chief Compliance Officer. The recipients who may receive non-public portfolio holdings information are as follows: the Adviser and its affiliates, the Funds' independent registered public accounting firm, the Funds' distributor, administrator and custodian, the Funds' legal counsel, the Funds' financial printer and the Funds' proxy voting service. These entities are obligated to keep such information confidential. Third-party providers of custodial or accounting services to the Funds may release non-public portfolio holdings information of the Funds only with the permission of the CCO.

Each Fund will disclose its complete portfolio holdings in public filings with the SEC on a quarterly basis within 60 days of the end of the quarter, and will provide that information to shareholders, as required by federal securities laws and regulations thereunder. These filings are available, free of charge, on the EDGAR database on the SEC's website at <http://www.sec.gov>. Under the policy, the Board is to receive information, on a quarterly basis, regarding any other disclosures of non-public portfolio holdings information that were permitted during the preceding quarter.

#### **ADDITIONAL INFORMATION ABOUT INVESTMENT OBJECTIVES, POLICIES, AND RELATED RISKS**

Each Fund's investment objective and principal investment strategies are described in the Prospectus. The following information supplements, and should be read in conjunction with, the Prospectus. For a description of certain permitted investments, see "Description of Permitted Investments" in this SAI.

##### **Non-Diversification**

The Funds, other than the Cyber Security ETF, are classified as non-diversified investment companies under the 1940 Act. A "non-diversified" classification means that the Funds are not limited by the 1940 Act with regard to the percentage of their assets that may be invested in the securities of a single issuer. This means that the Funds may invest a greater portion of their assets in the securities of a single issuer or a small number of issuers than a diversified fund. The securities of a particular issuer or a small number of issuers may constitute a greater portion of the Underlying Index of a Fund and, therefore, the securities may constitute a greater portion of the Fund's portfolio. This may have an adverse effect on a Fund's performance or subject a Fund's Shares to greater price volatility than more diversified investment companies. Moreover, in pursuing its objective, a Fund may hold the securities of a single issuer in an amount exceeding 10% of the market value of the outstanding securities of the issuer, subject to restrictions imposed by the Internal Revenue Code of 1986, as amended (the "Code"). In particular, as a Fund's size grows and its assets increase, it will be more likely to hold more than 10% of the securities of a single issuer if the issuer has a relatively small public float as compared to other components in its Underlying Index.

##### **Diversification**

The Cyber Security ETF is classified as diversified under the 1940 Act. Under applicable federal laws, to qualify as a diversified fund, the Fund, with respect to 75% of its total assets, may not invest greater than 5% of its total assets in any one issuer and may not hold greater than 10% of the securities of one issuer. The remaining 25% of the Fund's total assets does not need to be "diversified" and may be invested in securities of a single issuer, subject to other applicable laws. The diversification of the Fund's holdings is measured at the time the Fund purchases a security. However, if the Fund purchases a security and holds it for a period of time, the security may become a larger percentage of the Fund's total assets due to movements in the financial markets. If the market affects several securities held by the Fund, the Fund may have a greater percentage of its assets invested in securities of a single issuer or a small number of issuers.

## **Concentration**

The Funds will, to the extent their respective Underlying Index does, concentrate their investments in a particular industry or group of industries, as described in the Prospectus. The securities of issuers in particular industries may dominate the Underlying Index of a Fund and consequently the Fund's investment portfolio. This may adversely affect a Fund's performance or subject its Shares to greater price volatility than that experienced by less concentrated investment companies.

## **DESCRIPTION OF PERMITTED INVESTMENTS**

The following are descriptions of the permitted investments and investment practices and the associated risk factors. Each Fund will only invest in any of the following instruments or engage in any of the following investment practices if such investment or activity is consistent with the Fund's investment objective and permitted by the Fund's stated investment policies. The information below should be read in conjunction with the "Principal Investment Strategies" and "Principal Risks" sections of the Prospectus. The information below pertains to non-principal investment strategies and risks of the Funds, while the information in the Prospectus pertains to principal investment strategies and risks of the Funds.

### **Equity Securities**

Equity securities represent ownership interests in a company and include common stocks, preferred stocks, warrants to acquire common stock, and securities convertible into common stock. Investments in equity securities in general are subject to market risks that may cause their prices to fluctuate over time. Fluctuations in the value of equity securities in which the Funds invest will cause the net asset value of the Funds to fluctuate.

Types of Equity Securities:

**Common Stocks** — Common stocks represent units of ownership in a company. Common stocks usually carry voting rights and earn dividends. Unlike preferred stocks, which are described below, dividends on common stocks are not fixed but are declared at the discretion of the company's board of directors.

**Preferred Stocks** — Preferred stocks are also units of ownership in a company. Preferred stocks normally have preference over common stock in the payment of dividends and the liquidation of the company. However, in all other respects, preferred stocks are subordinated to the liabilities of the issuer. Unlike common stocks, preferred stocks are generally not entitled to vote on corporate matters. Types of preferred stocks include adjustable-rate preferred stock, fixed dividend preferred stock, perpetual preferred stock, and sinking fund preferred stock.

Generally, the market values of preferred stock with a fixed dividend rate and no conversion element vary inversely with interest rates and perceived credit risk.

**Convertible Securities** — Convertible securities are securities that may be exchanged for, converted into, or exercised to acquire a predetermined number of shares of the issuer's common stock at a Fund's option during a specified time period (such as convertible preferred stocks, convertible debentures and warrants). A convertible security is generally a fixed income security that is senior to common stock in an issuer's capital structure, but is usually subordinated to similar non-convertible securities. In exchange for the conversion feature, many corporations will pay a lower rate of interest on convertible securities than debt securities of the same corporation. In general, the market value of a convertible security is at least the higher of its "investment value" (*i.e.*, its value as a fixed income security) or its "conversion value" (*i.e.*, its value upon conversion into its underlying common stock).

Convertible securities are subject to the same risks as similar securities without the convertible feature. The price of a convertible security is more volatile during times of steady interest rates than other types of debt securities. The price of a convertible security tends to increase as the market value of the underlying stock rises, whereas it tends to decrease as the market value of the underlying common stock declines.

**Rights and Warrants** — A right is a privilege granted to existing shareholders of a corporation to subscribe to shares of a new issue of common stock before it is issued. Rights normally have a short life of usually two to four weeks, are freely transferable and entitle the holder to buy the new common stock at a lower price than the public offering price. Warrants are securities that are usually issued together with a debt security or preferred stock and that give the holder the right to buy proportionate amount of common stock at a specified price. Warrants are freely transferable and are traded on major exchanges. Unlike rights, warrants normally have a life that is measured in years and entitles the holder to buy common stock of a company at a price that is usually higher than the market price at the time the warrant is issued. Corporations often issue warrants to make the accompanying debt security more attractive.

An investment in warrants and rights may entail greater risks than certain other types of investments. Generally, rights and warrants do not carry the right to receive dividends or exercise voting rights with respect to the underlying securities, and they do not represent any rights in the assets of the issuer. In addition, their value does not necessarily change with the value of the underlying securities, and they cease to have value if they are not exercised on or before their expiration date. Investing in rights and warrants increases the potential profit or loss to be realized from the investment as compared with investing the same amount in the underlying securities.

## **Risks of Investing in Equity Securities:**

**General Risks of Investing in Stocks** — While investing in stocks allows investors to participate in the benefits of owning a company, such investors must accept the risks of ownership. Unlike bondholders, who have preference to a company's earnings and cash flow, preferred stockholders, followed by common stockholders in order of priority, are entitled only to the residual amount after a company meets its other obligations. For this reason, the value of a company's stock will usually react more strongly to actual or perceived changes in the company's financial condition or prospects than its debt obligations. Stockholders of a company that fares poorly can lose money.

Stock markets tend to move in cycles with short or extended periods of rising and falling stock prices. The value of a company's stock may fall because of:

- Factors that directly relate to that company, such as decisions made by its management or lower demand for the company's products or services;
- Factors affecting an entire industry, such as increases in production costs; and
- Changes in general financial market conditions that are relatively unrelated to the company or its industry, such as changes in interest rates, currency exchange rates or inflation rates.

Because preferred stock is generally junior to debt securities and other obligations of the issuer, deterioration in the credit quality of the issuer will cause greater changes in the value of a preferred stock than in a more senior debt security with similar stated yield characteristics.

**Small- and Medium-Sized Companies** — Investors in small- and medium-sized companies typically take on greater risk and price volatility than they would by investing in larger, more established companies. This increased risk may be due to the greater business risks of their small or medium size, limited markets and financial resources, narrow product lines and frequent lack of management depth. The securities of small- and medium-sized companies are often traded in the over-the-counter market and might not be traded in volumes typical of securities traded on a national securities exchange. Thus, the securities of small and medium capitalization companies are likely to experience less frequent trading and be less liquid, and subject to more abrupt or erratic market movements, than securities of larger, more established companies. As a result of the differences between the securities of small- and medium-sized companies and those of companies with larger capitalizations, it may be more difficult for a Fund to buy or sell a significant amount of the securities of a small- or medium- company without an adverse impact on the price of the company's securities, or a Fund may have to sell such securities in smaller quantities over a longer period of time, which may increase the Fund's tracking error.

**When-Issued Securities** — A when-issued security is one whose terms are available and for which a market exists, but which have not been issued. When a Fund engages in when-issued transactions, it relies on the other party to consummate the sale. If the other party fails to complete the sale, a Fund may miss the opportunity to obtain the security at a favorable price or yield.

When purchasing a security on a when-issued basis, a Fund assumes the rights and risks of ownership of the security, including the risk of price and yield changes. At the time of settlement, the market value of the security may be more or less than the purchase price. The yield available in the market when the delivery takes place also may be higher than those obtained in the transaction itself. Because a Fund does not pay for the security until the delivery date, these risks are in addition to the risks associated with its other investments.

Decisions to enter into "when-issued" transactions will be considered on a case-by-case basis when necessary to maintain continuity in a company's index membership. A Fund will segregate cash or liquid securities equal in value to commitments for the when-issued transactions. A Fund will segregate additional liquid assets daily so that the value of such assets is equal to the amount of the commitments.

## **Foreign Issuers**

A Fund may invest a significant portion of its assets in issuers located outside the United States directly, or in financial instruments that are indirectly linked to the performance of foreign issuers. Examples of such financial instruments include depositary receipts, which are described further below, "ordinary shares," and "New York shares" issued and traded in the United States. Ordinary shares are shares of foreign issuers that are traded abroad and on a United States exchange. New York shares are shares that a foreign issuer has allocated for trading in the United States. American Depositary Receipts ("ADRs"), ordinary shares, and New York shares all may be purchased with and sold for U.S. dollars, which protects the Funds from the foreign settlement risks described below.

Investing in foreign companies may involve risks not typically associated with investing in United States companies. The value of securities denominated in foreign currencies, and of dividends from such securities, can change significantly when foreign currencies strengthen or weaken relative to the U.S. dollar. Foreign securities markets generally have less trading volume and less liquidity than United States markets, and prices in some foreign markets can be more volatile than those of domestic securities. Therefore, a Fund's investment in foreign securities may be less liquid and subject to more rapid and erratic price movements than comparable securities listed for trading on U.S. exchanges. Non-U.S. equity securities may trade at price/earnings multiples higher than comparable U.S. securities and such levels may not be sustainable. There may be less government supervision and regulation of foreign stock exchanges, brokers, banks and listed companies abroad than in the U.S. Moreover, settlement practices for transactions in foreign markets may differ from those in U.S. markets. Such differences may include delays beyond periods customary in the U.S. and practices, such as delivery of securities prior to receipt of payment, that increase the likelihood of a failed settlement, which can result in losses to a Fund. The value of non-U.S. investments and the investment income derived from them may also be affected unfavorably by changes in currency exchange

control regulations. Foreign brokerage commissions, custodial expenses and other fees are also generally higher than for securities traded in the U.S. This may cause a Fund to incur higher portfolio transaction costs than domestic equity funds. Fluctuations in exchange rates may also affect the earning power and asset value of the foreign entity issuing a security, even one denominated in U.S. dollars. Dividend and interest payments may be repatriated based on the exchange rate at the time of disbursement, and restrictions on capital flows may be imposed. Many foreign countries lack uniform accounting, auditing and financial reporting standards comparable to those that apply to United States companies, and it may be more difficult to obtain reliable information regarding a foreign issuer's financial condition and operations. In addition, the costs of foreign investing, including withholding taxes, brokerage commissions, and custodial fees, generally are higher than for United States investments.

Investing in companies located abroad carries political and economic risks distinct from those associated with investing in the United States. Foreign investment may be affected by actions of foreign governments adverse to the interests of United States investors, including the possibility of expropriation or nationalization of assets, confiscatory taxation, restrictions on United States investment, or on the ability to repatriate assets or to convert currency into U.S. dollars. There may be a greater possibility of default by foreign governments or foreign-government sponsored enterprises. Losses and other expenses may be incurred in converting between various currencies in connection with purchases and sales of foreign securities. Investments in foreign countries also involve a risk of local political, economic, or social instability, military action or unrest, or adverse diplomatic developments.

Investing in companies domiciled in emerging market countries may be subject to greater risks than investments in developed countries. These risks include: (i) less social, political, and economic stability; (ii) greater illiquidity and price volatility due to smaller or limited local capital markets for such securities, or low or non-existent trading volumes; (iii) foreign exchanges and broker-dealers may be subject to less scrutiny and regulation by local authorities; (iv) local governments may decide to seize or confiscate securities held by foreign investors and/or local governments may decide to suspend or limit an issuer's ability to make dividend or interest payments; (v) local governments may limit or entirely restrict repatriation of invested capital, profits, and dividends; (vi) capital gains may be subject to local taxation, including on a retroactive basis; (vii) issuers facing restrictions on dollar or euro payments imposed by local governments may attempt to make dividend or interest payments to foreign investors in the local currency; (viii) investors may experience difficulty in enforcing legal claims related to the securities and/or local judges may favor the interests of the issuer over those of foreign investors; (ix) bankruptcy judgments may only be permitted to be paid in the local currency; (x) limited public information regarding the issuer may result in greater difficulty in determining market valuations of the securities, and (xi) lax financial reporting on a regular basis, substandard disclosure, and differences in accounting standards may make it difficult to ascertain the financial health of an issuer.

### **Geographic Concentration**

Funds that are less diversified across countries or geographic regions are generally riskier than more geographically diversified funds. A fund that focuses on a single country or a specific region is more exposed to that country's or region's economic cycles, currency exchange rates, stock market valuations and political risks, among others, compared with a more geographically diversified fund. The economies and financial markets of certain regions, such as Asia and the Middle East, can be interdependent and may be adversely affected by the same events.

**Risk Factors Regarding Canada.** Because the investments of the Junior Silver ETF may be geographically concentrated in Canadian companies or companies that have a significant presence in Canada, investment results could be dependent on the financial condition of the Canadian economy. The Canadian economy is reliant on the sale of natural resources and commodities, which can pose risks such as the fluctuation of prices and the variability of demand for exportation of such products. Changes in spending on Canadian products by the economies of other countries or changes in any of these economies may cause a significant impact on the Canadian economy.

### **Depository Receipts**

A Fund's investment in securities of foreign companies may be in the form of depository receipts or other securities convertible into securities of foreign issuers. ADRs are dollar-denominated receipts representing interests in the securities of a foreign issuer, which securities may not necessarily be denominated in the same currency as the securities into which they may be converted. ADRs are receipts typically issued by United States banks and trust companies which evidence ownership of underlying securities issued by a foreign corporation. Generally, ADRs in registered form are designed for use in domestic securities markets and are traded on exchanges or over-the-counter in the United States. Global Depository Receipts ("GDRs"), European Depository Receipts ("EDRs"), and International Depository Receipts ("IDRs") are similar to ADRs in that they are certificates evidencing ownership of shares of a foreign issuer, however, GDRs, EDRs, and IDRs may be issued in bearer form and denominated in other currencies, and are generally designed for use in specific or multiple securities markets outside the U.S. EDRs, for example, are designed for use in European securities markets while GDRs are designed for use throughout the world. Depository receipts will not necessarily be denominated in the same currency as their underlying securities.

A Fund will not invest in any unlisted Depository Receipts or any Depository Receipt that the Adviser deems to be illiquid or for which pricing information is not readily available. In addition, all Depository Receipts generally must be sponsored. However, a Fund may invest in unsponsored Depository Receipts under certain limited circumstances. The issuers of unsponsored Depository Receipts are not obligated to disclose material information in the United States, and, therefore, there may be less information available regarding such

issuers and there may not be a correlation between such information and the market value of the Depositary Receipts. The use of Depositary Receipts may increase tracking error relative to an Underlying Index.

### **Real Estate Investment Trusts (“REITs”)**

A REIT is a corporation or business trust (that would otherwise be taxed as a corporation) that meets the definitional requirements of the Code. The Code permits a qualifying REIT to deduct from taxable income the dividends paid, thereby effectively eliminating corporate level federal income tax and making the REIT a pass-through vehicle for federal income tax purposes. To meet the definitional requirements of the Code, a REIT must, among other things: invest substantially all of its assets in interests in real estate (including mortgages and other REITs), cash and government securities; derive most of its income from rents from real property or interest on loans secured by mortgages on real property; and distribute annually 90% or more of its otherwise taxable income to shareholders.

REITs are sometimes informally characterized as Equity REITs and Mortgage REITs. An Equity REIT invests primarily in the fee ownership or leasehold ownership of land and buildings; a Mortgage REIT invests primarily in mortgages on real property, which may secure construction, development or long-term loans.

REITs may be affected by changes in underlying real estate values, which may have an exaggerated effect to the extent that REITs in which a Fund invests may concentrate investments in particular geographic regions or property types. Additionally, rising interest rates may cause investors in REITs to demand a higher annual yield from future distributions, which may in turn decrease market prices for equity securities issued by REITs. Rising interest rates also generally increase the costs of obtaining financing, which could cause the value of a Fund’s investments to decline. During periods of declining interest rates, certain Mortgage REITs may hold mortgages that the mortgagors elect to prepay, which prepayment may diminish the yield on securities issued by such Mortgage REITs. In addition, Mortgage REITs may be affected by the ability of borrowers to repay when due the debt extended by the REIT and Equity REITs may be affected by the ability of tenants to pay rent.

Certain REITs have relatively small market capitalization, which may tend to increase the volatility of the market price of securities issued by such REITs. Furthermore, REITs are dependent upon specialized management skills, have limited diversification and are, therefore, subject to risks inherent in operating and financing a limited number of projects. By investing in REITs indirectly through a Fund, a shareholder will bear not only his or her proportionate share of the expenses of a Fund, but also, indirectly, similar expenses of the REITs. REITs depend generally on their ability to generate cash flow to make distributions to shareholders.

In addition to these risks, Equity REITs may be affected by changes in the value of the underlying property owned by the trusts, while Mortgage REITs may be affected by the quality of any credit extended. Further, Equity and Mortgage REITs are dependent upon management skills and generally may not be diversified. Equity and Mortgage REITs are also subject to heavy cash flow dependency defaults by borrowers and self-liquidation. In addition, Equity and Mortgage REITs could possibly fail to qualify for favorable tax treatment under the Code or to maintain their exemptions from registration under the 1940 Act. The above factors may also adversely affect a borrower’s or a lessee’s ability to meet its obligations to the REIT. In the event of default by a borrower or lessee, the REIT may experience delays in enforcing its rights as a mortgagee or lessor and may incur substantial costs associated with protecting its investments.

### **U.S. Government Securities**

The Funds may invest in U.S. government securities. Securities issued or guaranteed by the U.S. government or its agencies or instrumentalities include U.S. Treasury securities, which are backed by the full faith and credit of the U.S. Treasury and which differ only in their interest rates, maturities, and times of issuance. There can be no guarantee that the United States will be able to meet its payment obligations with respect to such securities. Additionally, market prices and yields of securities supported by the full faith and credit of the U.S. government may decline or be negative for short or long periods of time. U.S. Treasury bills have initial maturities of one-year or less; U.S. Treasury notes have initial maturities of one to ten years; and U.S. Treasury bonds generally have initial maturities of greater than ten years. Certain U.S. government securities are issued or guaranteed by agencies or instrumentalities of the U.S. government including, but not limited to, obligations of U.S. government agencies or instrumentalities such as Fannie Mae, the Government National Mortgage Association (“Ginnie Mae”), the Small Business Administration, the Federal Farm Credit Administration, the Federal Home Loan Banks, Banks for Cooperatives (including the Central Bank for Cooperatives), the Federal Land Banks, the Federal Intermediate Credit Banks, the Tennessee Valley Authority, the Export-Import Bank of the United States, the Commodity Credit Corporation, the Federal Financing Bank, the National Credit Union Administration and the Federal Agricultural Mortgage Corporation (Farmer Mac).

Some obligations issued or guaranteed by U.S. government agencies and instrumentalities, including, for example, Ginnie Mae pass-through certificates, are supported by the full faith and credit of the U.S. Treasury. Other obligations issued by or guaranteed by federal agencies, such as those securities issued by Fannie Mae, are supported by the discretionary authority of the U.S. government to purchase certain obligations of the federal agency, while other obligations issued by or guaranteed by federal agencies, such as those of the Federal Home Loan Banks, are supported by the right of the issuer to borrow from the U.S. Treasury, while the U.S. government provides financial support to such U.S. government-sponsored federal agencies, no assurance can be given that the U.S. government will always do so, since the U.S. government is not so obligated by law. U.S. Treasury notes and bonds typically pay coupon interest semi-annually and repay the principal at maturity.



The total public debt of the United States as a percentage of gross domestic product has grown rapidly since the beginning of the 2008-2009 financial downturn. Although high debt levels do not necessarily indicate or cause economic problems, they may create certain systemic risks if sound debt management practices are not implemented. A high national debt can raise concerns that the U.S. government will not be able to make principal or interest payments when they are due. This increase has also necessitated the need for the U.S. Congress to negotiate adjustments to the statutory debt limit to increase the cap on the amount the U.S. government is permitted to borrow to meet its existing obligations and finance current budget deficits. In August 2011, Standard & Poor's lowered its long-term sovereign credit rating on the U.S. In explaining the downgrade at that time, S&P cited, among other reasons, controversy over raising the statutory debt ceiling and growth in public spending. On August 2, 2019, following passage by Congress, the President of the United States signed the Bipartisan Budget Act of 2019, which suspends the statutory debt limit through July 31, 2021. Any controversy or ongoing uncertainty regarding the statutory debt ceiling negotiations may impact the U.S. long-term sovereign credit rating and may cause market uncertainty. As a result, market prices and yields of securities supported by the full faith and credit of the U.S. government may be adversely affected.

The value of direct or indirect investments in fixed income securities will fluctuate with changes in interest rates. Typically, a rise in interest rates causes a decline in the value of fixed income securities. On the other hand, if rates fall, the value of the fixed income securities generally increases. In general, the market price of fixed income securities with longer maturities will increase or decrease more in response to changes in interest rates than shorter-term securities. The value of direct or indirect investments in fixed income securities may be affected by the inability of issuers to repay principal and interest or illiquidity in debt securities markets.

- **U.S. Treasury Obligations.** U.S. Treasury obligations consist of bills, notes and bonds issued by the U.S. Treasury and separately traded interest and principal component parts of such obligations that are transferable through the federal book-entry system known as Separately Traded Registered Interest and Principal Securities ("STRIPS") and Treasury Receipts ("TRs").
- **Receipts.** Interests in separately traded interest and principal component parts of U.S. government obligations that are issued by banks or brokerage firms and are created by depositing U.S. government obligations into a special account at a custodian bank. The custodian holds the interest and principal payments for the benefit of the registered owners of the certificates or receipts. The custodian arranges for the issuance of the certificates or receipts evidencing ownership and maintains the register. TRs and STRIPS are interests in accounts sponsored by the U.S. Treasury. Receipts are sold as zero coupon securities.
- **U.S. Government Zero Coupon Securities.** STRIPS and receipts are sold as zero coupon securities, that is, fixed income securities that have been stripped of their unmatured interest coupons. Zero coupon securities are sold at a (usually substantial) discount and redeemed at face value at their maturity date without interim cash payments of interest or principal. The amount of this discount is accreted over the life of the security, and the accretion constitutes the income earned on the security for both accounting and tax purposes. Because of these features, the market prices of zero coupon securities are generally more volatile than the market prices of securities that have similar maturity but that pay interest periodically. Zero coupon securities are likely to respond to a greater degree to interest rate changes than are non-zero coupon securities with similar maturity and credit qualities.
- **U.S. Government Agencies.** Some obligations issued or guaranteed by agencies of the U.S. government are supported by the full faith and credit of the U.S. Treasury, others are supported by the right of the issuer to borrow from the U.S. Treasury, while still others are supported only by the credit of the instrumentality. Guarantees of principal by agencies or instrumentalities of the U.S. government may be a guarantee of payment at the maturity of the obligation so that in the event of a default prior to maturity there might not be a market and thus no means of realizing on the obligation prior to maturity. Guarantees as to the timely payment of principal and interest do not extend to the value or yield of these securities nor to the value of a Fund's Shares.

## **Borrowing**

Although the Funds do not intend to borrow money, each Fund may do so to the extent permitted by the 1940 Act. Under the 1940 Act, each Fund may borrow up to one-third (1/3) of its net assets. The Funds will borrow money only for short-term or emergency purposes. Such borrowing is not for investment purposes and will be repaid by the borrowing Fund promptly. Borrowing will tend to exaggerate the effect on net asset value ("NAV") of any increase or decrease in the market value of a Fund's portfolio. Money borrowed will be subject to interest costs that may or may not be recovered by earnings on the securities purchased. Each Fund also may be required to maintain minimum average balances in connection with a borrowing or to pay a commitment or other fee to maintain a line of credit; either of these requirements would increase the cost of borrowing over the stated interest rate.

## **Other Short-Term Instruments**

The Funds may invest in short-term instruments, including money market instruments, on an ongoing basis to provide liquidity or for other reasons. Money market instruments are generally short-term investments that may include but are not limited to: (i) shares of money market funds; (ii) obligations issued or guaranteed by the U.S. government, its agencies or instrumentalities (including government-sponsored enterprises); (iii) negotiable certificates of deposit ("CDs"), bankers' acceptances, fixed time deposits and other obligations of U.S. and foreign banks (including foreign branches) and similar institutions; (iv) commercial paper rated at the date of purchase "Prime-1" by Moody's or "A-1" by S&P, or if unrated, of comparable quality as determined by the Adviser; (v) non-convertible corporate debt securities (e.g., bonds and debentures) with remaining maturities at the date of purchase of not more than 397 days and that satisfy the rating requirements set forth in Rule 2a-7 under the 1940 Act; and (vi) short-term U.S. dollar-denominated obligations of foreign

banks (including U.S. branches) that, in the opinion of the Adviser, are of comparable quality to obligations of U.S. banks which may be purchased by the Funds. Any of these instruments may be purchased on a current or a forward-settled basis. Money market instruments also include shares of money market funds. Time deposits are non-negotiable deposits maintained in banking institutions for specified periods of time at stated interest rates. Bankers' acceptances are time drafts drawn on commercial banks by borrowers, usually in connection with international transactions. Short-term instruments that are fixed-income instruments are generally subject to the same risks as other fixed-income instruments, including credit risk and interest rate risk, and short-term instruments that are money market funds are generally subject to the same risks as other investment companies, including the obligation to pay a Fund's share of the underlying fund's expenses.

### **Investment Companies**

The Funds may invest in the securities of other investment companies, including money market funds, subject to applicable limitations under Section 12(d)(1) of the 1940 Act. Pursuant to Section 12(d)(1), the Funds may invest in the securities of another investment company (the "acquired company") provided that a Fund, immediately after such purchase or acquisition, does not own in the aggregate: (i) more than 3% of the total outstanding voting stock of the acquired company; (ii) securities issued by the acquired company having an aggregate value in excess of 5% of the value of the total assets of a Fund; or (iii) securities issued by the acquired company and all other investment companies (other than Treasury stock of a Fund) having an aggregate value in excess of 10% of the value of the total assets of a Fund. To the extent allowed by law or regulation, the Funds may invest its assets in securities of investment companies that are money market funds in excess of the limits discussed above.

If a Fund invests in and, thus, is a shareholder of, another investment company, the Fund's shareholders will indirectly bear the Fund's proportionate share of the fees and expenses paid by such other investment company, including advisory fees, in addition to both the management fees payable directly by the Fund to the Fund's own investment adviser and the other expenses that the Fund bears directly in connection with the Fund's own operations.

Section 12(d)(1) of the 1940 Act restricts investments by registered investment companies in securities of other registered investment companies, including the Funds. The acquisition of a Fund's Shares by registered investment companies is subject to the restrictions of Section 12(d)(1) of the 1940 Act, except as may be permitted by exemptive rules under the 1940 Act or as may at some future time be permitted by an exemptive order that permits registered investment companies to invest in a Fund beyond the limits of Section 12(d)(1), subject to certain terms and conditions, including that the registered investment company enter into an agreement with a Fund regarding the terms of the investment. A Fund may rely on Section 12(d)(1)(F) and Rule 12d1-3 of the 1940 Act, which provide an exemption from Section 12(d)(1) that allows the Fund to invest all of its assets in other registered funds, including ETFs, if, among other conditions: (a) the Fund, together with its affiliates, acquires no more than three percent of the outstanding voting stock of any acquired fund, and (b) the sales load charged on the Fund's shares is no greater than the limits set forth in Rule 2830 of the Conduct Rules of the Financial Industry Regulatory Authority, Inc. ("FINRA").

A Fund will incur higher and duplicative expenses when it invests in other investment companies such as mutual funds and ETFs. There is also the risk that a Fund may suffer losses due to the investment practices of the underlying funds. When a Fund invests in other investment companies, the Fund will be subject to substantially the same risks as those associated with the direct ownership of securities held by such investment companies.

### **Lending Portfolio Securities**

Each Fund, except the Junior Silver ETF, may lend portfolio securities to certain creditworthy borrowers in U.S. and non-U.S. markets in an amount not to exceed one third (33 1/3%) of the value of its total assets. The borrowers provide collateral that is maintained in an amount at least equal to the current value of the securities loaned. The Funds may terminate a loan at any time and obtain the return of the securities loaned. The Funds receive the value of any interest or cash or non-cash distributions paid on the loaned securities. Distributions received on loaned securities in lieu of dividend payments (*i.e.*, substitute payments) would not be considered qualified dividend income.

With respect to loans that are collateralized by cash, the borrower will be entitled to receive a fee based on the amount of cash collateral. The Funds are compensated by the difference between the amount earned on the reinvestment of cash collateral and the fee paid to the borrower. In the case of collateral other than cash, the Funds are compensated by a fee paid by the borrower equal to a percentage of the value of the loaned securities. Any cash collateral may be reinvested in certain short-term instruments either directly on behalf of the lending fund or through one or more joint accounts or money market funds, which may include those managed by the Adviser.

The Funds may pay a portion of the interest or fees earned from securities lending to a borrower as described above, and to one or more securities lending agents approved by the Board who administer the lending program for the Funds in accordance with guidelines approved by the Board. In such capacity, the lending agent causes the delivery of loaned securities from a Fund to borrowers, arranges for the return of loaned securities to the Fund at the termination of a loan, requests deposit of collateral, monitors the daily value of the loaned securities and collateral, requests that borrowers add to the collateral when required by the loan agreements, and provides recordkeeping and accounting services necessary for the operation of the program.

Securities lending involves exposure to certain risks, including operational risk (*i.e.*, the risk of losses resulting from problems in the settlement and accounting process), "gap" risk (*i.e.*, the risk of a mismatch between the return on cash collateral reinvestments and the fees a Fund has agreed to pay a borrower), and credit, legal, counterparty and market risk. In the event a borrower does not return a Fund's

securities as agreed, the Fund may experience losses if the proceeds received from liquidating the collateral do not at least equal the value of the loaned security at the time the collateral is liquidated plus the transaction costs incurred in purchasing replacement securities.

The Funds will generally seek to recall securities on loan to vote on matters if the result of the vote may materially affect the investment. However, in some circumstances the Funds may be unable to recall the securities in time to vote or may determine that the benefits to the Funds of voting are outweighed by the direct or indirect costs of such a recall. In these circumstances, loaned securities may be voted or not voted in a manner adverse to the best interests of the Funds.

The following table shows the dollar amounts of income and fees/compensation related to the securities lending activities of each Fund that lent its securities during the fiscal year ended September 30, 2019.

	<b>Mobile Payments ETF</b>	<b>Cyber Security ETF</b>	<b>Drone Economy ETF</b>	<b>Video Game Tech ETF</b>
<b>Gross income from securities lending activities</b>	<b>\$2,966,049</b>	<b>\$8,981,676</b>	<b>\$302,721</b>	<b>\$537,702</b>
<i>Fees and/or compensation for securities lending activities and related services:</i>				
Fees paid to securities lending agent from a revenue split	-\$57,784	-\$319,001	-\$33,487	-\$66,041
Fees paid for any cash collateral management service that are not included in the revenue split	-\$34,370	-\$96,656	-\$2,000	-\$3,588
Administrative fees not included in revenue split	\$0	\$0	\$0	\$0
Indemnification fee not included in revenue split	\$0	\$0	\$0	\$0
Rebates (paid to borrower)	-\$2,642,592	-\$7,289,496	-\$133,156	-\$203,723
Other fees not included in revenue split (specify)	\$0	\$0	\$0	\$0
<b>Aggregate fees/compensation for securities lending activities:</b>	<b>-\$2,734,746</b>	<b>-\$7,705,153</b>	<b>-\$168,643</b>	<b>-\$273,352</b>
<b>Net income from securities lending activities:</b>	<b>\$231,303</b>	<b>\$1,276,523</b>	<b>\$134,078</b>	<b>\$264,350</b>

#### **Futures Contracts, Options and Swap Agreements**

The Funds may utilize futures contracts, options contracts and swap agreements. The Funds will segregate cash and/or appropriate liquid assets if required to do so by SEC or Commodity Futures Trading Commission (“CFTC”) regulation or interpretation.

*Futures Contracts.* Futures contracts generally provide for the future sale by one party and purchase by another party of a specified commodity or security at a specified future time and at a specified price. Index futures contracts are settled daily with a payment by one party to the other of a cash amount based on the difference between the level of the index specified in the contract from one day to the next. Futures contracts are standardized as to maturity date and underlying instrument and are traded on futures exchanges.

A Fund is required to make a good faith margin deposit in cash or U.S. government securities with a broker or custodian to initiate and maintain open positions in futures contracts. A margin deposit is intended to assure completion of the contract (delivery or acceptance of the underlying commodity or payment of the cash settlement amount) if it is not terminated prior to the specified delivery date. Brokers may establish deposit requirements which are higher than the exchange minimums. Futures contracts are customarily purchased and sold on margin deposits which may range upward from less than 5% of the value of the contract being traded.

After a futures contract position is opened, the value of the contract is marked to market daily. If the futures contract price changes to the extent that the margin on deposit does not satisfy margin requirements, payment of additional “variation” margin will be required. Conversely, change in the contract value may reduce the required margin, resulting in a repayment of excess margin to the contract holder. Variation margin payments are made to and from the futures broker for as long as the contract remains open. In such case, a Fund would expect to earn interest income on its margin deposits. Closing out an open futures position is done by taking an opposite position (“buying” a contract which has previously been “sold,” or “selling” a contract previously “purchased”) in an identical contract to terminate the position. Brokerage commissions are incurred when a futures contract position is opened or closed.

*Options.* The Funds may purchase and sell put and call options. Such options may relate to particular securities and may or may not be listed on a national securities exchange and issued by the Options Clearing Corporation. Options trading is a highly specialized activity that entails greater than ordinary investment risk. Options on particular securities may be more volatile than the underlying securities, and therefore, on a percentage basis, an investment in options may be subject to greater fluctuation than an investment in the underlying securities themselves.

The Funds may use exchange-traded futures and options, together with positions in cash and money market instruments, to simulate full investment in its Underlying Index. Exchange-traded futures and options contracts are not currently available for the Index. Under such circumstances, the Adviser may seek to utilize other instruments that it believes to be correlated to the applicable Index components or a subset of the components.

To the extent a Fund invests in futures, options on futures or other instruments subject to regulation by the CFTC, it will seek to do so in reliance upon and in accordance with CFTC Rule 4.5. Specifically, pursuant to CFTC Rule 4.5, the Trust may claim exclusion from the definition of CPO, and thus from having to register as a CPO, with regard to a Fund that enters into commodity futures, commodity options or swaps solely for “bona fide hedging purposes,” or that limits its investment in commodities to a “de minimis” amount, as defined in CFTC rules, so long as the shares of such Fund are not marketed as interests in a commodity pool or other vehicle for trading in commodity futures, commodity options or swaps. To the extent a Fund invests in futures, options on futures or other instruments subject to regulation by the CFTC, the Trust, on behalf of the applicable Fund(s), will file a notice of eligibility for exclusion from the definition of the term “commodity pool operator” in accordance with CFTC Rule 4.5. It is expected that the Funds will be able to operate pursuant to the limitations under CFTC Rule 4.5 without materially adversely affecting its ability to achieve their respective investment objective. If, however, these limitations were to make it difficult for the Funds to achieve their respective investment objectives in the future, the Trust may determine to operate the Funds as a regulated commodity pool pursuant to the Trust’s CPO registration or to reorganize or close the Funds or to materially change the Funds’ respective investment objective and strategy. In addition, as of the date of this SAI, the Adviser is not deemed to be a “commodity pool operator” or “commodity trading adviser” with respect to the advisory services it provides to the Funds.

*Restrictions on the Use of Futures and Options.* The Funds reserve the right to engage in transactions involving futures and options thereon to the extent allowed by the CFTC regulations in effect from time to time and in accordance with the Funds’ policies. A Fund would take steps to prevent its futures positions from “leveraging” its securities holdings. When it has a long futures position, it will maintain with its custodian bank, cash or equivalents. When it has a short futures position, it will maintain with its custodian bank assets substantially identical to those underlying the contract or cash and equivalents (or a combination of the foregoing) having a value equal to the net obligation of a Fund under the contract (less the value of any margin deposits in connection with the position).

*Swap Agreements.* The Funds may enter into swap agreements; including interest rate, index, and total return swap agreements. Swap agreements are contracts between parties in which one party agrees to make periodic payments to the other party based on the change in market value or level of a specified rate, index or asset. In return, the other party agrees to make payments to the first party based on the return of a different specified rate, index or asset. Swap agreements will usually be done on a net basis, *i.e.*, where the two parties make net payments with a Fund receiving or paying, as the case may be, only the net amount of the two payments. The net amount of the excess, if any, of a Fund’s obligations over its entitlements with respect to each swap is accrued on a daily basis and an amount of cash or equivalents having an aggregate value at least equal to the accrued excess is maintained by the Fund.

### **Short Sales**

The Funds may engage in short sales that are either “uncovered” or “against the box.” A short sale is “against the box” if at all times during which the short position is open, a Fund owns at least an equal amount of the securities or securities convertible into, or exchangeable without further consideration for, securities of the same issue as the securities that are sold short. A short sale against the box is a taxable transaction to a Fund with respect to the securities that are sold short.

Uncovered short sales are transactions under which a Fund sells a security it does not own. To complete such a transaction, a Fund must borrow the security to make delivery to the buyer. A Fund then is obligated to replace the security borrowed by purchasing the security at the market price at the time of the replacement. The price at such time may be more or less than the price at which the security was sold by a Fund. Until the security is replaced, a Fund is required to pay the lender amounts equal to any dividends or interest that accrue during the period of the loan. To borrow the security, a Fund also may be required to pay a premium, which would increase the cost of the security sold. The proceeds of the short sale will be retained by the broker, to the extent necessary to meet margin requirements, until the short position is closed out.

Until a Fund closes its short position or replaces the borrowed security, the Fund may: (a) segregate cash or liquid securities at such a level that (i) the amount segregated plus the amount deposited with the broker as collateral will equal the current value of the security sold short; and (ii) the amount segregated plus the amount deposited with the broker as collateral will not be less than the market value of the security at the time the security was sold short; or (b) otherwise cover the Fund’s short position.

### **Future Developments**

The Funds may take advantage of opportunities in the area of options and futures contracts, options on futures contracts, warrants, swaps and any other investments which are not presently contemplated for use by the Funds or which are not currently available but which may be developed, to the extent such opportunities are both consistent with the Funds’ respective investment objective and legally permissible for the Funds. Before entering into such transactions or making any such investment, the Funds will provide appropriate disclosure.

### **SPECIAL CONSIDERATIONS AND RISKS**

A discussion of the risks associated with an investment in each Fund is contained in the Prospectus. The discussion below supplements, and should be read in conjunction with, the Prospectus.

#### **General**

Investment in a Fund should be made with an understanding that the value of a Fund’s portfolio securities may fluctuate in accordance with changes in the financial condition of the issuers of the portfolio securities, the value of securities generally and other factors.

An investment in a Fund should also be made with an understanding of the risks inherent in an investment in securities, including the risk that the financial condition of issuers may become impaired or that the general condition of the securities markets may deteriorate (either of which may cause a decrease in the value of the portfolio securities and thus in the value of Shares). Securities are susceptible to general market fluctuations and to volatile increases and decreases in value as market confidence in and perceptions of their issuers change. These investor perceptions are based on various and unpredictable factors including expectations regarding government, economic, monetary and fiscal policies, inflation and interest rates, economic expansion or contraction, and global or regional political, economic and banking crises.

Holders of common stocks incur more risk than holders of preferred stocks and debt obligations because common stockholders, as owners of the issuer, have generally inferior rights to receive payments from the issuer in comparison with the rights of creditors of, or holders of debt obligations or preferred stocks issued by, the issuer. Further, unlike debt securities which typically have a stated principal amount payable at maturity (whose value, however, will be subject to market fluctuations prior thereto), or preferred stocks which typically have a liquidation preference and which may have stated optional or mandatory redemption provisions, common stocks have neither a fixed principal amount nor a maturity. Common stock values are subject to market fluctuations as long as the common stock remains outstanding.

### **Cyber Security Risk**

Investment companies, such as the Funds, and their service providers may be subject to operational and information security risks resulting from cyber-attacks. Cyber-attacks include, among other behaviors, stealing or corrupting data maintained online or digitally, denial of service attacks on websites, the unauthorized release of confidential information or various other forms of cyber security breaches. Cyber-attacks affecting the Funds or the Adviser, custodian, transfer agent, intermediaries and other third-party service providers may adversely impact the Funds. For instance, cyber-attacks may interfere with the processing of shareholder transactions, impact a Fund's ability to calculate its net asset value, cause the release of private shareholder information or confidential company information, impede trading, subject the Funds to regulatory fines or financial losses, and cause reputational damage. The Funds may also incur additional costs for cyber security risk management purposes. Similar types of cyber security risks are also present for issuers of securities in which the Funds invests, which could result in material adverse consequences for such issuers, and may cause a Fund's investment in such portfolio companies to lose value.

### **Futures and Options Transactions**

Positions in futures contracts and options may be closed out only on an exchange which provides a secondary market therefore. However, there can be no assurance that a liquid secondary market will exist for any particular futures contract or option at any specific time. Thus, it may not be possible to close a futures or options position. In the event of adverse price movements, a Fund would continue to be required to make daily cash payments to maintain its required margin. In such situations, if a Fund has insufficient cash, it may have to sell portfolio securities to meet daily margin requirements at a time when it may be disadvantageous to do so. In addition, a Fund may be required to make delivery of the instruments underlying futures contracts it has sold. A Fund will minimize the risk that it will be unable to close out a futures or options contract by only entering into futures and options for which there appears to be a liquid secondary market.

The risk of loss in trading futures contracts or uncovered call options in some strategies (*e.g.*, selling uncovered index futures contracts) is potentially unlimited. The Funds do not plan to use futures and options contracts, when available, in this manner. The risk of a futures position may still be large as traditionally measured due to the low margin deposits required. In many cases, a relatively small price movement in a futures contract may result in immediate and substantial loss or gain to the investor relative to the size of a required margin deposit. The Funds, however, intend to utilize futures and options contracts in a manner designed to limit the Funds' risk exposure to that which is comparable to what the Funds would have incurred through direct investment in securities.

Utilization of futures transactions by a Fund involves the risk of imperfect or even negative correlation to its Underlying Index if the index underlying the futures contracts differs from the Underlying Index. There is also the risk of loss by a Fund of margin deposits in the event of bankruptcy of a broker with whom the Fund has an open position in the futures contract or option.

Certain financial futures exchanges limit the amount of fluctuation permitted in futures contract prices during a single trading day. The daily limit establishes the maximum amount that the price of a futures contract may vary either up or down from the previous day's settlement price at the end of a trading session. Once the daily limit has been reached in a particular type of contract, no trades may be made on that day at a price beyond that limit. The daily limit governs only price movement during a particular trading day and therefore does not limit potential losses, because the limit may prevent the liquidation of unfavorable positions. Futures contract prices have occasionally moved to the daily limit for several consecutive trading days with little or no trading, thereby preventing prompt liquidation of futures positions and subjecting some futures traders to substantial losses.

### **Risks of Swap Agreements**

Swap agreements are subject to the risk that the swap counterparty will default on its obligations. If such a default occurs, a Fund will have contractual remedies pursuant to the agreements related to the transaction, but such remedies may be subject to bankruptcy and insolvency laws which could affect a Fund's rights as a creditor.

The use of interest-rate and index swaps is a highly specialized activity that involves investment techniques and risks different from those associated with ordinary portfolio security transactions. These transactions generally do not involve the delivery of securities or other underlying assets or principal.

### **Tax Risks**

As with any investment, you should consider how your investment in Shares of the Funds will be taxed. The tax information in the Prospectus and this SAI is provided as general information. You should consult your own tax professional about the tax consequences of an investment in Shares of the Funds.

Unless your investment in Shares is made through a tax-exempt entity or tax-deferred retirement account, such as an individual retirement account, you need to be aware of the possible tax consequences when the Funds make distributions or you sell Shares.

### **INVESTMENT RESTRICTIONS**

The Trust has adopted the following investment restrictions as fundamental policies with respect to the Funds. These restrictions cannot be changed with respect to a Fund without the approval of the holders of a majority of a Fund's outstanding voting securities. For the purposes of the 1940 Act, a "majority of outstanding shares" means the vote of the lesser of: (1) 67% or more of the voting securities of a Fund present at the meeting if the holders of more than 50% of the Fund's outstanding voting securities are present or represented by proxy; or (2) more than 50% of the outstanding voting securities of the Fund. Except with the approval of a majority of the outstanding voting securities, a Fund may not:

1. Concentrate its investments in an industry or group of industries (*i.e.*, hold 25% or more of its net assets in the stocks of a particular industry or group of industries), except that a Fund will concentrate to approximately the same extent that its Underlying Index concentrates in the stocks of such particular industry or group of industries. For purposes of this limitation, securities of the U.S. government (including its agencies and instrumentalities), and securities of state or municipal governments and their political subdivisions are not considered to be issued by members of any industry.
2. Borrow money or issue senior securities (as defined under the 1940 Act), except to the extent permitted under the 1940 Act, the rules and regulations thereunder or any exemption therefrom, as such statute, rules or regulations may be amended or interpreted from time to time.
3. Lend any security or make any other loan, except to the extent permitted under the 1940 Act the rules and regulations thereunder or any exemption therefrom, as such statute, rules or regulations may be amended or interpreted from time to time. The Junior Silver ETF may not make loans.
4. Purchase or sell commodities or real estate, except to the extent permitted under the 1940 Act, the rules and regulations thereunder or any exemption therefrom, as such statute, rules or regulations may be amended or interpreted from time to time.
5. Underwrite securities issued by other persons, except to the extent permitted under the 1940 Act, the rules and regulations thereunder or any exemption therefrom, as such statute, rules or regulations may be amended or interpreted from time to time.

Except with the approval of a majority of the outstanding voting securities, the Cyber Security ETF may not:

6. With respect to 75% of its total assets, purchase the securities of any one issuer if, immediately after and as a result of such purchase, (a) the value of the Fund's holdings in the securities of such issuer exceeds 5% of the value of the Fund's total assets, or (b) the Fund owns more than 10% of the outstanding voting securities of the issuer (with the exception that this restriction does not apply to the Fund's investments in the securities of the U.S. Government, or its agencies or instrumentalities, or other investment companies).

In addition to the investment restrictions adopted as fundamental policies as set forth above, the Funds observe the following restrictions, which may be changed without a shareholder vote.

1. A Fund will not invest in illiquid assets in excess of 15% of its net assets. An illiquid asset is any asset that a Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the asset.
2. Under normal circumstances, a Fund will not invest less than 80% of its net assets, plus the amount of any borrowings for investment purposes, in the component securities of its Underlying Index. For purposes of this policy, ADRs and GDRs based on the component securities of the Underlying Index are treated as component securities of the Fund's Underlying Index. Prior to any change in this 80% investment policy, a Fund will provide shareholders with 60 days' written notice.

If a percentage limitation is adhered to at the time of investment or contract, a later increase or decrease in percentage resulting from any change in value or total or net assets will not result in a violation of such restriction, except that the percentage limitations with respect to the borrowing of money will be observed continuously. In addition, if a Fund's holdings of illiquid securities exceeds 15% of net assets because of changes in the value of the Fund's investments, the Fund will act in accordance with Rule 22e-4 under the 1940 Act and will take action to reduce its holdings of illiquid securities pursuant to its written liquidity risk management program.

The following descriptions of certain provisions of the 1940 Act may assist investors in understanding the above policies and restrictions:

Concentration. The SEC has defined concentration as investing 25% or more of an investment company's net assets in an industry or group of industries, with certain exceptions.

Borrowing. The 1940 Act presently allows a fund to borrow from any bank (including pledging, mortgaging or hypothecating assets) in an amount up to 33 1/3% of its total assets (not including temporary borrowings not in excess of 5% of its total assets).

Senior Securities. Senior securities may include any obligation or instrument issued by a fund evidencing indebtedness. The 1940 Act generally prohibits funds from issuing senior securities, although it does not treat certain transactions as senior securities, such as certain borrowings, short sales, reverse repurchase agreements, firm commitment agreements and standby commitments, with appropriate earmarking or segregation of assets to cover such obligation.

Lending. Under the 1940 Act, a fund may only make loans if expressly permitted by its investment policies. Except with respect to the Junior Silver ETF, the Funds' current investment policy on lending is as follows: a Fund may not make loans if, as a result, more than 33 1/3% of its total assets would be lent to other parties, except that each Fund may: (i) purchase or hold debt instruments in accordance with its investment objective and policies; (ii) enter into repurchase agreements; and (iii) engage in securities lending subject to the limitations described in this SAI. The Junior Silver ETF may not make loans, except that the Fund may purchase or hold debt instruments in accordance with its investment objective and policies. The Junior Silver ETF will not lend, hypothecate or re-hypothecate any underlying non-cash securities.

Underwriting. Under the 1940 Act, underwriting securities involves a fund purchasing securities directly from an issuer for the purpose of selling (distributing) them or participating in any such activity either directly or indirectly.

Real Estate. The 1940 Act does not directly restrict an investment company's ability to invest in real estate, but does require that every investment company have a fundamental investment policy governing such investments. The Funds will not purchase or sell real estate, except that the Funds may purchase marketable securities issued by companies which own or invest in real estate (including REITs).

Commodities. The Funds will not purchase or sell physical commodities or commodities contracts, except that the Funds may purchase: (i) marketable securities issued by companies which own or invest in commodities or commodities contracts; and (ii) commodities contracts relating to financial instruments, such as financial futures contracts and options on such contracts.

## **EXCHANGE LISTING AND TRADING**

A discussion of exchange listing and trading matters associated with an investment in a Fund is contained in the summary section of the Funds' Prospectus under the "Purchase and Sale of Fund Shares" and in the statutory Prospectus under "Buying and Selling the Funds." The discussion below supplements, and should be read in conjunction with, such sections of the Prospectus.

The Shares of each Fund are approved for listing and trading on the applicable Exchange, subject to notice of issuance. The Shares trade on the applicable Exchange at prices that may differ to some degree from their net asset value. There can be no assurance that the requirements of the applicable Exchange necessary to maintain the listing of Shares of a Fund will continue to be met.

The Exchange may, but is not required to, remove the Shares of the Fund from listing if: (1) following the initial twelve-month period beginning upon the commencement of trading of the Fund, there are fewer than 50 beneficial holders of the Shares for 30 or more consecutive trading days; (2) the value of its Underlying Index or portfolio of securities on which the Fund is based is no longer calculated or available; (3) the "indicative optimized portfolio value" ("IOPV") of the Fund is no longer calculated or available; or (4) such other event shall occur or condition exists that, in the opinion of the Exchange, makes further dealings on the Exchange inadvisable. In addition, the Exchange will remove the Shares from listing and trading upon termination of the Trust or the Fund.

The Exchange (or market data vendors or other information providers) will disseminate, every fifteen seconds during the regular trading day, an IOPV relating to the Fund. The IOPV calculations are estimates of the value of the Fund's NAV per Share and are based on the Fund's portfolio holdings and cash, less accrued expenses, divided by the number of shares of the Fund outstanding as of the time of the prior day's NAV calculation. Premiums and discounts between the IOPV and the market price may occur. The IOPV does not necessarily reflect the precise composition of the current portfolio of securities held by the Fund at a particular point in time or the best possible valuation of the current portfolio. Therefore, it should not be viewed as a "real-time" update of the NAV per Share of the Fund, which is calculated only once a day. The quotations of certain Fund holdings may not be updated during U.S. trading hours if such holdings do not trade in the United States. Additionally, the calculation of the NAV may reflect the fair values of certain Fund holdings, which may result in different prices than those used in the calculations of the IOPV. Neither the Fund nor the Adviser, nor any of their affiliates are involved in, or responsible for, the calculation or dissemination of such IOPVs and make no warranty as to their accuracy.

The Trust reserves the right to adjust the Share price of a Fund in the future to maintain convenient trading ranges for investors. Any adjustments would be accomplished through stock splits or reverse stock splits, which would have no effect on the net assets of a Fund.

As in the case of other publicly traded securities, brokers' commissions on transactions will be based on negotiated commission rates at customary levels.

The base and trading currencies of the Funds is the U.S. dollar. The base currency is the currency in which a Fund's net asset value per Share is calculated and the trading currency is the currency in which Shares of the Fund are listed and traded on the applicable Exchange.

## MANAGEMENT OF THE TRUST

The following information supplements and should be read in conjunction with the section in the Prospectus entitled "Fund Management."

**Board Responsibilities.** The management and affairs of the Trust and the Funds described in this SAI, are overseen by the Trustees. The Board elects the officers of the Trust who are responsible for administering the day-to-day operations of the Trust and the Funds. The Board has approved contracts, as described below, under which certain companies provide essential services to the Trust.

Like most registered investment companies, the day-to-day business of the Trust, including the management of risk, is performed by third party service providers, such as the Adviser, the Distributor and the Administrator. The Trustees are responsible for overseeing the Trust's service providers and, thus, have oversight responsibility with respect to risk management performed by those service providers. Risk management seeks to identify and address risks, *i.e.*, events or circumstances that could have material adverse effects on the business, operations, shareholder services, investment performance or reputation of the Funds. The Funds and their service providers employ a variety of processes, procedures and controls to identify various of those possible events or circumstances, to lessen the probability of their occurrence and/or to mitigate the effects of such events or circumstances if they do occur. Each service provider is responsible for one or more discrete aspects of the Trust's business (*e.g.*, the Adviser is responsible for the day-to-day management of the applicable Fund's portfolio investments) and, consequently, for managing the risks associated with that business. The Board has emphasized to the Funds' service providers the importance of maintaining vigorous risk management.

The Trustees' role in risk oversight begins before the inception of a Fund, at which time certain of the Fund's service providers present the Board with information concerning the investment objectives, strategies and risks of the Fund as well as proposed investment limitations for the Fund. Additionally, the Adviser provides the Board with an overview of, among other things, its investment philosophy, brokerage practices and compliance infrastructure. Thereafter, the Board continues its oversight function as various personnel, including the Trust's Chief Compliance Officer, as well as personnel of the other service providers such as a Fund's independent accountants, make periodic reports to the Audit Committee or to the Board with respect to various aspects of risk management. The Board and the Audit Committee oversee efforts by management and service providers to manage risks to which a Fund may be exposed.

The Board is responsible for overseeing the nature, extent and quality of the services provided to the Funds by the Adviser and receives information about those services at its regular meetings. In addition, on an annual basis, in connection with its consideration of whether to renew the Advisory Agreements with the Adviser, the Board meets with the Adviser to review such services. Among other things, the Board regularly considers the Adviser's adherence to each Fund's investment restrictions and compliance with various Fund policies and procedures and with applicable securities regulations. The Board also reviews information about each Fund's performance and the Fund's investments, including, for example, portfolio holdings schedules.

The Trust's Chief Compliance Officer reports regularly to the Board to review and discuss compliance issues and Fund and Adviser risk assessments. At least annually, the Trust's Chief Compliance Officer provides the Board with a report reviewing the adequacy and effectiveness of the Trust's policies and procedures and those of its service providers, including the Adviser. The report addresses the operation of the policies and procedures of the Trust and each service provider since the date of the last report; any material changes to the policies and procedures since the date of the last report; any recommendations for material changes to the policies and procedures; and any material compliance matters since the date of the last report.

The Board receives reports from a Fund's service providers regarding operational risks and risks related to the valuation and liquidity of portfolio securities. The Board has also established a Fair Value Committee that is responsible for implementing the Trust's Fair Value Procedures and providing reports to the Board concerning investments for which market quotations are not readily available. Annually, the independent registered public accounting firm reviews with the Audit Committee its audit of each Fund's financial statements, focusing on major areas of risk encountered by the Fund and noting any significant deficiencies or material weaknesses in the Fund's internal controls. Additionally, in connection with its oversight function, the Board oversees Fund management's implementation of disclosure controls and procedures, which are designed to ensure that information required to be disclosed by the Trust in its periodic reports with the SEC are recorded, processed, summarized, and reported within the required time periods. The Board also oversees the Trust's internal controls over financial reporting, which comprise policies and procedures designed to provide reasonable assurance regarding the reliability of the Trust's financial reporting and the preparation of the Trust's financial statements.

From their review of these reports and discussions with the Adviser, the Chief Compliance Officer, the independent registered public accounting firm and other service providers, the Board and the Audit Committee learn in detail about the material risks of the Funds, thereby facilitating a dialogue about how management and service providers identify and mitigate those risks.

The Board recognizes that not all risks that may affect the Funds can be identified and/or quantified, that it may not be practical or cost-effective to eliminate or mitigate certain risks, that it may be necessary to bear certain risks (such as investment-related risks) to achieve each Fund's goals, and that the processes, procedures and controls employed to address certain risks may be limited in their effectiveness. Moreover, reports received by the Trustees as to risk management matters are typically summaries of the relevant information. Most of the Funds' investment management and business affairs are carried out by or through the Funds' Adviser and other service providers each of which has an independent interest in risk management but whose policies and the methods by which one or more risk management



functions are carried out may differ from the Funds' and each other's in the setting of priorities, the resources available or the effectiveness of relevant controls. As a result of the foregoing and other factors, the Board's ability to monitor and manage risk, as a practical matter, is subject to limitations.

**Members of the Board.** There are three members of the Board, two of whom are not interested persons of the Trust, as that term is defined in the 1940 Act ("Independent Trustees"). Samuel Masucci, III, an interested person of the Trust, serves as Chairman of the Board. The Trust does not have a lead Independent Trustee. The Board is comprised of 67% Independent Trustees. There is an Audit Committee of the Board that is chaired by an Independent Trustee and comprised solely of Independent Trustees. The Audit Committee chair presides at the Committee meetings, participates in formulating agendas for Committee meetings, and coordinates with management to serve as a liaison between the Independent Trustees and management on matters within the scope of responsibilities of the Committee as set forth in its Board-approved charter. Because of the ease of communication arising from the relatively small size of the Board and the small number of Independent Trustees, the Board has determined not to designate a lead Independent Trustee at this time.

The Trust has determined its leadership structure is appropriate given the specific characteristics and circumstances of the Trust. The Trust made this determination in consideration of, among other things, the fact that the Independent Trustees constitute 67% of the Board, the number of Independent Trustees that constitute the Board, the amount of assets under management in the Trust, and the number of Funds overseen by the Board. The Board also believes that its leadership structure facilitates the orderly and efficient flow of information to the Independent Trustees from Fund management.

The Board of Trustees has two standing committees: the Audit Committee and Nominating Committee. The Audit Committee and Nominating Committee are chaired by an Independent Trustee and composed of Independent Trustees.

Set forth below are the names, birth years, positions with the Trust, length of term of office, and the principal occupations and other directorships held during at least the last five years of each of the persons currently serving as a Trustee of the Trust, as well as information about each officer. The business address of each Trustee and officer is 30 Maple Street, 2<sup>nd</sup> Floor, Summit, New Jersey 07901.

Name and Year of Birth	Position(s) Held with the Trust, Term of Office and Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of Portfolios in Fund Complex Overseen By Trustee	Other Directorships Held by Trustee During Past 5 Years
<b>Interested Trustee* and Officers</b>				
Samuel R. Masucci, III (1962)	Trustee, Chairman of the Board and President (since 2012); Secretary (since 2014)	Chief Executive Officer, Exchange Traded Managers Group LLC (since 2013); Chief Executive Officer, ETF Managers Group LLC (since 2016); Chief Executive Officer, ETF Managers Capital LLC (commodity pool operator) (since 2014); Chief Executive Officer (2012–2016) and Chief Compliance Officer (2012–2014), Factor Advisors, LLC (investment adviser); President and Chief Executive Officer, Factor Capital Management LLC (2012–2014) (commodity pool operator).	10	None
John A. Flanagan (1946)	Treasurer (since 2015)	President, John A. Flanagan CPA, LLC (accounting services) (since 2010); Treasurer, ETF Managers Trust (since 2015); Chief Financial Officer, ETF Managers Capital LLC (commodity pool operator) (since 2015).	n/a	n/a
Reshma A. Tanczos (1978)	Chief Compliance Officer (since 2016)	Chief Compliance Officer, ETF Managers Group LLC (since 2016); Chief Compliance Officer, ETF Managers Capital LLC (since 2016); Partner, Crow & Cushing (law firm) (2007–2016).	n/a	n/a

\* Mr. Masucci is an interested Trustee by virtue of his role as the Chief Executive Officer of the Adviser.

Name and Year of Birth	Position(s) Held with the Trust, Term of Office and Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of Portfolios in Fund Complex Overseen By Trustee	Other Directorships Held by Trustee During Past 5 Years
<b>Independent Trustees</b>				
Terry Loeb (1963)	Trustee (since 2014)	Founder and Managing Member, Pulsenomics LLC (index product development and consulting firm) (since 2011); Managing Director, MacroMarkets, LLC (exchange-traded products firm) (2006–2011).	10	None
Jared A. Chase (1955)	Trustee (since 2018)	Chief Operating and Financial Officer, Root Capital (a 501(c)(3) non-profit lender); Chairman, State Street Global Alliance LLC, State Street Corporation (2007-2012); Head of Global Treasury, Liability Management, Money Markets & Derivatives, State Street Corporation (2004-2007)	10	None

**Individual Trustee Qualifications.** The Trust has concluded that each of the Trustees should serve on the Board because of their ability to review and understand information about the Funds provided to them by management, to identify and request other information they may deem relevant to the performance of their duties, to question management and other service providers regarding material factors bearing on the management and administration of the Funds, and to exercise their business judgment in a manner that serves the best interests of each Fund’s shareholders. The Trust has concluded that each of the Trustees should serve as a Trustee based on their own experience, qualifications, attributes and skills as described below.

The Trust has concluded that Mr. Masucci should serve as Trustee because of the experience he has gained as chief executive officer of multiple investment advisory firms as well as his knowledge of and experience in the financial services industry.

The Trust has concluded that Mr. Loeb should serve as Trustee because of his diverse experience in capital markets, including asset pricing and trading, market research, index development, and exchange-traded products, as well as his knowledge of and experience in the financial services industry.

The Trust has concluded that Mr. Chase should serve as Trustee because of his executive experience at major investment advisory firms focusing on global markets and derivatives, and his general knowledge of and experience in the financial services industry.

**Board Committees**

The Board has established the following standing committees:

**Audit Committee.** The Board has a standing Audit Committee that is composed of 100% of the Independent Trustees of the Trust. The Audit Committee operates under a written charter approved by the Board. The principal responsibilities of the Audit Committee include: recommending which firm to engage as the Funds’ independent registered public accounting firm and whether to terminate this relationship; reviewing the independent registered public accounting firm’s compensation, the proposed scope and terms of its engagement, and the firm’s independence; pre-approving audit and non-audit services provided by the Funds’ independent registered public accounting firm to the Trust and certain other affiliated entities; serving as a channel of communication between the independent registered public accounting firm and the Trustees; reviewing the results of each external audit, including any qualifications in the independent registered public accounting firm’s opinion, any related management letter, management’s responses to recommendations made by the independent registered public accounting firm in connection with the audit, reports submitted to the Committee by the internal auditing department of the Trust’s Administrator that are material to the Trust as a whole, if any, and management’s responses to any such reports; reviewing the Funds’ audited financial statements and considering any significant disputes between the Trust’s management and the independent registered public accounting firm that arose in connection with the preparation of those financial statements; considering, in consultation with the independent registered public accounting firm and the Trust’s senior internal accounting executive, if any, the independent registered public accounting firms’ report on the adequacy of the Trust’s internal financial controls; reviewing, in consultation with the Funds’ independent registered public accounting firm, major changes regarding auditing and accounting principles and practices to be followed when preparing the Funds’ financial statements; and other audit related matters. All of the Independent Trustees currently serve as members of the Audit Committee. The Audit Committee also acts as the Trust’s qualified legal compliance committee. During the fiscal year ended September 30, 2019, the Audit Committee met four times.

**Nominating Committee.** The Board has a standing Nominating Committee that is composed of 100% of the Independent Trustees of the Trust. The Nominating Committee operates under a written charter approved by the Board. The principal responsibility of the Nominating Committee is to consider, recommend and nominate candidates to fill vacancies on the Trust’s Board, if any. The Nominating Committee generally will not consider nominees recommended by shareholders. All of the Independent Trustees currently serve as members of the Nominating Committee. During the fiscal year ended September 30, 2019, the Nominating Committee met one time.

**Fair Value Committee.** In addition to the Board’s standing committees described above, the Board has established a Fair Value Committee that is composed of certain officers of the Trust and representatives from the Adviser. The Fair Value Committee operates under procedures approved by the Board. The Fair Value Committee is responsible for the valuation and revaluation of any portfolio investments for which market quotations or prices are not readily available. The Fair Value Committee meets periodically, as necessary.

## OWNERSHIP OF SHARES

The following table shows the dollar amount ranges of each Trustee’s “beneficial ownership” of shares of each Fund as of the end of the most recently completely calendar year. Dollar amount ranges disclosed are established by the SEC. “Beneficial ownership” is determined in accordance with Rule 16a-1(a)(2) under the 1934 Act. As of December 31, 2019, the Trustees and officers of the Trust owned less than 1% of the outstanding shares of each series of the Trust.

	Dollar Range of Shares of each Fund					Aggregate Dollar Range of Shares (All Funds in the Complex)
	Mobile Payments ETF	Cyber Security ETF	Junior Silver ETF	Drone Economy ETF	Video Game Tech ETF	
<b>Name</b>						
<b>Interested Trustee</b>						
Samuel R. Masucci, III	None	None	None	None	None	None
<b>Independent Trustees</b>						
Terry Loeb	None	None	None	None	None	None
Jared A. Chase	None	None	None	None	None	None

## Compensation of the Trustees and Officers

The Trustees received the following compensation during the fiscal year ended September 30, 2019. The Adviser, and not the Funds, is responsible for compensating the Trustees.

Name	Aggregate Compensation	Pension or Retirement Benefits Accrued as Part of Fund Expenses	Estimated Annual Benefits Upon Retirement	Total Compensation from the Trust and Fund Complex
<b>Interested Trustee</b>				
Samuel R. Masucci, III	\$0	\$0	\$0	\$0
<b>Independent Trustees</b>				
Terry Loeb	\$0	\$0	\$0	\$58,780
Jared A. Chase	\$0	\$0	\$0	\$58,780

## CODES OF ETHICS

The Trust, the Adviser, and ETFMG Financial LLC (the “Distributor”) have each adopted codes of ethics pursuant to Rule 17j-1 of the 1940 Act. These codes of ethics are designed to prevent affiliated persons of the Trust, the Adviser and the Distributor from engaging in deceptive, manipulative or fraudulent activities in connection with securities held or to be acquired by the Funds (which may also be held by persons subject to the codes of ethics). Each Code of Ethics permits personnel subject to that Code of Ethics to invest in securities for their personal investment accounts, subject to certain limitations, including limitations related to securities that may be purchased or held by the Funds.

There can be no assurance that the codes of ethics will be effective in preventing such activities. Each code of ethics has been filed with the SEC and may be examined at the office of the SEC in Washington, D.C. or on the Internet at the SEC’s website at <http://www.sec.gov>.

## PROXY VOTING POLICIES

The Funds have delegated proxy voting responsibilities to the Adviser, subject to the Board’s oversight. In delegating proxy responsibilities, the Board has directed that proxies be voted consistent with each Fund’s and its shareholders’ best interests and in compliance with all applicable proxy voting rules and regulations. The Adviser has adopted proxy voting policies and guidelines for this purpose (“Proxy

Voting Policies”) and may engage a third party proxy solicitation firm to assist with voting proxies in a timely manner, while the CCO is responsible for monitoring the effectiveness of the Proxy Voting Policies. The Adviser has engaged Broadridge Financial Solutions, Inc. to assist the CCO in carrying out the Trust’s Proxy Voting Policies. The Proxy Voting Policies have been adopted by the Trust as the policies and procedures that the Adviser will use when voting proxies on behalf of the Funds.

The Proxy Voting Policies address, among other things, material conflicts of interest that may arise between the interests of the Funds and the interests of the Adviser. The Proxy Voting Policies will ensure that all issues brought to shareholders are analyzed in light of the Adviser’s fiduciary responsibilities.

In voting to elect board nominees for uncontested seats, the following factors will be taken into account: (i) whether a majority of the company’s directors are independent; (ii) whether key board committees are entirely composed of independent directors; (iii) excessive board memberships and professional time commitments to effectively serve the company’s board; and (iv) the attendance record of incumbent directors at board and committee meetings.

Equity compensation plans will also be reviewed on a case-by-case basis based upon their specific features. For example, stock option plans will be evaluated using criteria such as: (i) whether the plan is performance-based; (ii) dilution to existing shareholders; (iii) the cost of the plan; (iv) whether discounted options are allowed under the plan; (v) whether the plan authorizes the repricing of options or reload options without shareholder approval; and (vi) the equity overhang of all plans. Similarly, employee stock purchase plans generally will be supported under the guidelines upon consideration of factors such as (i) whether the plan sets forth adequate limits on share issuance; (ii) whether participation limits are defined; and (iii) whether discounts to employees exceed a threshold amount.

The Proxy Voting Policies provide for review and vote on shareholder proposals on a case-by-case basis. In accordance with this approach, these guidelines support a shareholder proposal upon the compelling showing that it has a substantial economic impact on shareholder value. As such, proposals that request that the company report on environmental, labor or human rights issues are only supported when such concerns pose a substantial risk to shareholder value.

With regard to voting proxies of foreign companies, the Adviser may weigh the cost of voting, and potential inability to sell the securities (which may occur during the voting process), against the benefit of voting the proxies to determine whether or not to vote.

Information on how each Fund voted proxies relating to portfolio securities during the most recent 12 month period ended June 30 is available (1) without charge, upon request, by calling 1-844-383-6477 and (2) on the SEC’s website at [www.sec.gov](http://www.sec.gov).

## **INVESTMENT ADVISORY AND OTHER SERVICES**

ETF Managers Group LLC, a Delaware limited liability company located at 30 Maple Street, 2<sup>nd</sup> Floor, Summit, New Jersey 07901, serves as the investment adviser to the Funds. The Adviser is a wholly-owned subsidiary of Exchange Traded Managers Group, LLC, an entity controlled by Samuel Masucci, III, the Adviser’s Chief Executive Officer and a Trustee and Chairman of the Board of the Trust.

The Trust and the Adviser have entered into an investment advisory agreement (the “Advisory Agreement”) with respect to the Funds. Under the Advisory Agreement, the Adviser serves as the investment adviser, makes investment decisions for the Funds, and manages the investment portfolios of the Funds, subject to the supervision of, and policies established by, the Board. The Adviser is responsible for trading portfolio securities on behalf of the Funds, including selecting broker-dealers to execute purchase and sale transactions as instructed by the Adviser or in connection with any rebalancing or reconstitution of a Fund’s Index, subject to the supervision of the Board. The Advisory Agreement provides that the Adviser shall not be protected against any liability to the Trust or its shareholders by reason of willful misfeasance, bad faith or gross negligence generally in the performance of its duties hereunder or its reckless disregard of its obligation and duties under the Advisory Agreement.

After the initial two-year term, the continuance of the Advisory Agreement must be specifically approved at least annually: (i) by the vote of the Trustees or by a vote of the shareholders of each Fund; and (ii) by the vote of a majority of the Trustees who are not parties to the Advisory Agreement or “interested persons” or of any party thereto, cast in person at a meeting called for the purpose of voting on such approval. The Advisory Agreement will terminate automatically in the event of its assignment, and is terminable at any time without penalty by the Trustees of the Trust or, with respect to each Fund, by a majority of the outstanding voting securities of each Fund, or by the Adviser on not more than 60 days’ nor less than 30 days’ written notice to the Trust. As used in the Advisory Agreement, the terms “majority of the outstanding voting securities,” “interested persons” and “assignment” have the same meaning as such terms in the 1940 Act.

For its services, the Adviser receives a fee that is based on the average daily net assets of each Fund with the fee for each Fund calculated daily and paid monthly.

Additionally, under the Investment Advisory Agreement, the Adviser has agreed to pay all expenses of each Fund, except for: the fee paid to the Adviser pursuant to the Investment Advisory Agreement, interest charges on any borrowings, taxes, brokerage commissions and other expenses incurred in placing orders for the purchase and sale of securities and other investment instruments, acquired fund fees and expenses, accrued deferred tax liability, extraordinary expenses (such as, among other things and subject to Board approval, certain proxy solicitation costs and non-standard Board-related expenses and litigation against the Board, Trustees, Funds, Adviser, and officers of the Adviser), and distribution (12b-1) fees and expenses.

For the fiscal periods indicated below, the Funds paid the following management fees to the Adviser:

<b>Fund and Period</b>	<b>Aggregate Advisory Fees Paid to Adviser</b>
<b>Mobile Payments ETF</b>	
Fiscal year ended September 30, 2017	\$661,627
Fiscal year ended September 30, 2018	\$2,379,425
Fiscal year ended September 30, 2019	\$3,915,639
<b>Cyber Security ETF</b>	
Fiscal year ended September 30, 2017	\$6,449,260
Fiscal year ended September 30, 2018	\$8,278,826
Fiscal year ended September 30, 2019	\$9,358,249
<b>Junior Silver ETF</b>	
Fiscal year ended September 30, 2017	\$424,982
Fiscal year ended September 30, 2018	\$369,288
Fiscal year ended September 30, 2019	\$399,578
<b>Drone Economy ETF</b>	
Fiscal year ended September 30, 2017	\$102,604
Fiscal year ended September 30, 2018	\$343,020
Fiscal year ended September 30, 2019	\$295,708
<b>Video Game Tech ETF</b>	
Fiscal year ended September 30, 2017	\$116,865
Fiscal year ended September 30, 2018	\$717,647
Fiscal year ended September 30, 2019	\$723,717

Prior to January 1, 2017, Penserra Capital Management, LLC (“Penserra”), a New York limited liability company, located at 140 Broadway, 26<sup>th</sup> Floor, New York, New York 10005, served as sub-adviser to the Mobile Payments ETF, Drone Economy ETF, and Video Game Tech ETF and was compensated by the Adviser. With respect to the Drone Economy ETF and Video Game Tech ETF, Penserra received an annual fee of 0.05% on the first \$500 million; 0.04% on the next \$500 million, and 0.03% on amounts over \$1 billion of the combined average daily net assets of the Funds, calculated daily and paid monthly, subject to a minimum annual fee of \$25,000. With respect to the Mobile Payments ETF, Penserra received an annual fee of 0.05% of the average daily net assets of each Fund, calculated daily and paid monthly, subject to a minimum annual fee of \$20,000 for each Fund.

Prior to April 1, 2017, Penserra served as sub-adviser to the Cyber Security ETF and was compensated by the Adviser. Penserra received an annual fee of 0.05% of the average daily net assets of the Cyber Security ETF, calculated daily and paid monthly, subject to a minimum annual fee of \$20,000.

For the fiscal periods indicated below, the Adviser paid the following fees to Penserra with respect to the Funds:

<b>Fund and Period</b>	<b>Sub-Advisory Fees Paid to Penserra</b>
<b>Mobile Payments ETF</b>	
Fiscal year ended September 30, 2017	\$5,467
<b>Cyber Security ETF</b>	
Fiscal year ended September 30, 2017	\$205,490
<b>Drone Economy ETF</b>	
Fiscal year ended September 30, 2017	\$6,301
<b>Video Game Tech ETF</b>	
Fiscal year ended September 30, 2017	\$6,301

## THE PORTFOLIO MANAGERS

This section includes information about the Funds' portfolio managers, including information about other accounts managed, the dollar range of Shares owned and compensation.

**Portfolio Manager Compensation.** The Funds are managed by Samuel R. Masucci, III, Chief Executive Officer of the Adviser, Frank Vallario, Chief Investment Officer of the Adviser, Donal Bishnoi, Portfolio Manager of the Adviser, and Devin Ryder, Portfolio Manager of the Adviser. Their portfolio management compensation includes a salary and discretionary bonus based on the profitability of the Adviser. No compensation is directly related to the performance of the underlying assets.

**Portfolio Manager Fund Ownership.** As of September 30, 2019, Samuel R. Masucci, III, Frank Vallario, Donal Bishnoi, and Devin Ryder, did not own Shares of any of the Funds.

### Other Accounts

In addition to the Funds, Samuel R. Masucci, III, Frank Vallario, Donal Bishnoi, and Devin Ryder, managed the following other accounts for the Adviser as of September 30, 2019.

Type of Accounts	Total Number of Accounts	Total Assets of Accounts	Total Number of Accounts with Performance Based Fees	Total Assets of Accounts with Performance Based Fees
Registered Investment Companies	4	\$1,047,803,940	0	\$0
Other Pooled Investment Vehicles	2	\$8,184,365	0	\$0
Other Accounts	0	\$0	0	\$0

**Description of Material Conflicts of Interest.** The portfolio managers' management of "other accounts" is not expected to give rise to potential conflicts of interest in connection with their management of the Fund's investments, on the one hand, and the investments of the other accounts, on the other. The other accounts may have the same investment objectives as the Funds. Therefore, a potential conflict of interest may arise as a result of the identical investment objectives, whereby a portfolio manager could favor one account over another. Another potential conflict could include a portfolio manager's knowledge about the size, timing and possible market impact of Fund trades, whereby the portfolio manager could use this information to the advantage of other accounts and to the disadvantage of the Funds. However, the Adviser has established policies and procedures to ensure that the purchase and sale of securities among all accounts the Adviser manages are fairly and equitably allocated.

## THE DISTRIBUTOR

The Trust and ETFMG Financial LLC, an affiliate of the Adviser, are parties to a distribution agreement (the "Distribution Agreement"), whereby the Distributor acts as principal underwriter for the Trust's shares and distributes the shares of the Fund. Shares are continuously offered for sale by the Distributor only in Creation Units. Each Creation Unit is made up of 50,000 Shares. The Distributor will not distribute Shares in amounts less than a Creation Unit and does not maintain a secondary market in Fund Shares. The principal business address of the Distributor is 30 Maple Street, 2<sup>nd</sup> Floor, Summit, New Jersey 07901.

Under the Distribution Agreement, the Distributor, as agent for the Trust, will receive orders for the purchase and redemption of Creation Units, provided that any subscriptions and orders will not be binding on the Trust until accepted by the Trust. The Distributor will deliver a prospectus to authorized participants purchasing Shares in Creation Units and will maintain records of both orders placed with it and confirmations of acceptance furnished by it. The Distributor is a broker-dealer registered under the Securities Exchange Act of 1934 (the "Exchange Act") and a member of FINRA.

Upon direction from the Trust, the Distributor may also enter into agreements with securities dealers ("Soliciting Dealers") who will solicit purchases of Creation Units of Shares. Such Soliciting Dealers may also be Authorized Participants (as discussed in "Procedures for Creation of Creation Units" below) or DTC Participants (as defined below).

The Distribution Agreement will continue for two years from its effective date and is renewable thereafter. The continuance of the Distribution Agreement must be specifically approved at least annually (i) by the vote of the Trustees or by a vote of the shareholders of each Fund and (ii) by the vote of a majority of the Trustees who are not "interested persons" of the Trust and have no direct or indirect financial interest in the operations of the Distribution Agreement or any related agreement, cast in person at a meeting called for the purpose of voting on such approval. The Distribution Agreement is terminable without penalty by the Trust on 60 days' written notice when authorized either by majority vote of its outstanding voting shares or by a vote of a majority of its Board (including a majority of the Independent Trustees), or by the Distributor on 60 days written notice, and will automatically terminate in the event of its assignment. The Distribution Agreement provides that in the absence of willful misfeasance, bad faith or negligence on the part of the Distributor, or reckless disregard by it of its obligations thereunder, the Distributor shall not be liable for any action or failure to act in accordance with its duties thereunder.

**Distribution Plan.** The Trust has adopted a Distribution Plan (the “Plan”) with respect to each series, other than the Junior Silver ETF, in accordance with the provisions of Rule 12b-1 under the 1940 Act, which regulates circumstances under which an investment company may directly or indirectly bear expenses relating to the distribution of its shares. No distribution fees are currently charged to the Fund; there are no plans to impose these fees.

Continuance of the Plan must be approved annually by a majority of the Trustees of the Trust and by a majority of the Trustees who are not interested persons (as defined in the 1940 Act) of the Trust and have no direct or indirect financial interest in the Plan or in any agreements related to the Plan (“Qualified Trustees”). The Plan requires that quarterly written reports of amounts spent under the Plan and the purposes of such expenditures be furnished to and reviewed by the Trustees. The Plan may not be amended to increase materially the amount that may be spent thereunder without approval by a majority of the outstanding shares of any class of the Funds that is affected by such increase. All material amendments of the Plan will require approval by a majority of the Trustees of the Trust and of the Qualified Trustees.

The Plan provides that Shares (“Shares”) of the Funds, other than the Junior Silver ETF, pay the Distributor an annual fee of up to a maximum of 0.25% of the average daily net assets of the Shares. Under the Plan, the Distributor may make payments pursuant to written agreements to financial institutions and intermediaries such as banks, savings and loan associations and insurance companies including, without limit, investment counselors, broker-dealers and the Distributor’s affiliates and subsidiaries (collectively, “Agents”) as compensation for services and reimbursement of expenses incurred in connection with distribution assistance. The Plan is characterized as a compensation plan since the distribution fee will be paid to the Distributor without regard to the distribution expenses incurred by the Distributor or the amount of payments made to other financial institutions and intermediaries. The Trust intends to operate the Plan in accordance with its terms and with the FINRA rules concerning sales charges.

Under the Plan, subject to the limitations of applicable law and regulations, each Fund, other than the Junior Silver ETF, is authorized to compensate the Distributor up to the maximum amount to finance any activity primarily intended to result in the sale of Creation Units of the Fund or for providing or arranging for others to provide shareholder services and for the maintenance of shareholder accounts. Such activities may include, but are not limited to: (i) delivering copies of a Fund’s then current reports, prospectuses, notices, and similar materials, to prospective purchasers of Creation Units; (ii) marketing and promotional services, including advertising; (iii) paying the costs of and compensating others, including Authorized Participants with whom the Distributor has entered into written Authorized Participant Agreements, for performing shareholder servicing on behalf of a Fund; (iv) compensating certain Authorized Participants for providing assistance in distributing the Creation Units of a Fund, including the travel and communication expenses and salaries and/or commissions of sales personnel in connection with the distribution of the Creation Units of the Fund; (v) payments to financial institutions and intermediaries such as banks, savings and loan associations, insurance companies and investment counselors, broker-dealers, mutual fund supermarkets and the affiliates and subsidiaries of the Trust’s service providers as compensation for services or reimbursement of expenses incurred in connection with distribution assistance; (vi) facilitating communications with beneficial owners of Shares, including the cost of providing (or paying others to provide) services to beneficial owners of Shares, including, but not limited to, assistance in answering inquiries related to shareholder accounts, and (vi) such other services and obligations as are set forth in the Distribution Agreement.

## **THE ADMINISTRATOR**

The Trust, on behalf of the Funds, and U.S. Bancorp Fund Services, LLC, doing business as U.S. Bank Global Fund Services (“Global Fund Services”), (the “Administrator”) have entered into an administration agreement (the “Administration Agreement”), under which the Administrator provides the Funds with administrative services, including regulatory reporting and all necessary office space, equipment, personnel and facilities. Pursuant to a schedule to the Administration Agreement, the Administrator also serves as the shareholder servicing agent for the Funds whereby the Administrator provides certain shareholder services to the Funds. The principal business address of the Administrator is 615 East Michigan Street, Milwaukee, Wisconsin 53202.

The Administration Agreement provides that the Administrator shall not be liable for any error of judgment or mistake of law or for any loss suffered by the Trust in connection with the matters to which the Administration Agreement relates, except a loss resulting from willful misfeasance, bad faith or gross negligence on the part of the Administrator in the performance of its duties or from reckless disregard by it of its duties and obligations thereunder.

For its services under the Administration Agreement, the Administrator is entitled to a fee based on the average daily net assets of each Fund and subject to a minimum annual fee.

The Adviser is responsible for paying the Administrator its fee under the Administration Agreement. Any decrease in the Administrator’s fee will decrease the amount the Adviser is obligated to pay to the Administrator.

For the fiscal periods indicated below, the Adviser paid the following fees to the Administrator:

<b>Fund and Period</b>	<b>Fees Paid to the Administrator</b>
<b>Mobile Payments ETF</b>	
Fiscal year ended September 30, 2017	\$61,027
Fiscal year ended September 30, 2018	\$122,727
Fiscal year ended September 30, 2019	\$205,921
<b>Cyber Security ETF</b>	
Fiscal year ended September 30, 2017	\$479,939
Fiscal year ended September 30, 2018	\$501,078
Fiscal year ended September 30, 2019	\$603,905
<b>Junior Silver ETF</b>	
Fiscal year ended September 30, 2017	\$54,919
Fiscal year ended September 30, 2018	\$36,782
Fiscal year ended September 30, 2019	\$44,527
<b>Drone Economy ETF</b>	
Fiscal year ended September 30, 2017	\$28,940
Fiscal year ended September 30, 2018	\$33,586
Fiscal year ended September 30, 2019	\$41,430
<b>Video Game Tech ETF</b>	
Fiscal year ended September 30, 2017	\$26,715
Fiscal year ended September 30, 2018	\$50,403
Fiscal year ended September 30, 2019	\$64,712

#### **THE CUSTODIAN**

U.S. Bank National Association (the “Custodian”), Custody Operations, 1555 North Rivercenter Drive, Suite 302, Milwaukee, Wisconsin 53212, serves as the custodian of the Funds. The Custodian holds cash, securities and other assets of the Funds as required by the 1940 Act.

#### **THE TRANSFER AGENT**

U.S. Bancorp Fund Services, LLC (the “Transfer Agent”), 615 East Michigan Street, Milwaukee, Wisconsin 53202, serves as the Funds’ transfer agent and dividend disbursing agent under a transfer agency agreement with the Trust.

#### **LEGAL COUNSEL**

Sullivan & Worcester LLP, 1666 K Street NW, Washington, DC 20006, serves as legal counsel to the Trust.

#### **INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

WithumSmith + Brown, PC, with offices located at 1411 Broadway, 9th Floor, New York, New York, 10018, serves as the independent registered public accounting firm for the Funds.

#### **DESCRIPTION OF SHARES**

The Declaration of Trust authorizes the issuance of an unlimited number of funds and shares of each fund. Each share of a fund represents an equal proportionate interest in that fund with each other share. Shares are entitled upon liquidation to a pro rata share in the net assets of the fund. Shareholders have no preemptive rights. The Declaration of Trust provides that the Trustees of the Trust may create additional series or classes of shares. All consideration received by the Trust for shares of any additional funds and all assets in which such consideration is invested would belong to that fund and would be subject to the liabilities related thereto. Share certificates representing shares will not be issued. Each fund’s shares, when issued, are fully paid and non-assessable.

Each share has one vote with respect to matters upon which a shareholder vote is required consistent with the requirements of the 1940 Act and the rules promulgated thereunder. Shares of all funds vote together as a single class, except that if the matter being voted on affects only a particular fund it will be voted on only by that fund and if a matter affects a particular fund differently from other funds, that fund will vote separately on such matter. As a Delaware statutory trust, the Trust is not required, and does not intend, to hold annual meetings of shareholders. Approval of shareholders will be sought, however, for certain changes in the operation of the Trust and for the election of Trustees under certain circumstances. Upon the written request of shareholders owning at least 10% of the Trust’s shares, the



Trust will call for a meeting of shareholders to consider the removal of one or more trustees and other certain matters. In the event that such a meeting is requested, the Trust will provide appropriate assistance and information to the shareholders requesting the meeting.

Under the Declaration of Trust, the Trustees have the power to liquidate each fund without shareholder approval. While the Trustees have no present intention of exercising this power, they may do so if any fund fails to reach a viable size within a reasonable amount of time or for such other reasons as may be determined by the Board.

## **BROKERAGE TRANSACTIONS**

The policy of the Trust regarding purchases and sales of securities for the Funds is that primary consideration will be given to obtaining the most favorable prices and efficient executions of transactions. Consistent with this policy, when securities transactions are effected on a stock exchange, the Trust's policy is to pay commissions which are considered fair and reasonable without necessarily determining that the lowest possible commissions are paid in all circumstances. The Trust believes that a requirement always to seek the lowest possible commission cost could impede effective portfolio management and preclude the Funds and the Adviser from obtaining a high quality of brokerage and research services. In seeking to determine the reasonableness of brokerage commissions paid in any transaction, the Adviser will rely upon its experience and knowledge regarding commissions generally charged by various brokers and on its judgment in evaluating the brokerage services received from the broker effecting the transaction. Such determinations are necessarily subjective and imprecise, as in most cases, an exact dollar value for those services is not ascertainable. The Trust has adopted policies and procedures that prohibit the consideration of sales of the Funds' shares as a factor in the selection of a broker or dealer to execute its portfolio transactions.

The Adviser owes a fiduciary duty to its clients to seek to provide best execution on trades effected. In selecting a broker/dealer for each specific transaction, the Adviser chooses the broker/dealer deemed most capable of providing the services necessary to obtain the most favorable execution. Best execution is generally understood to mean the most favorable cost or net proceeds reasonably obtainable under the circumstances. The full range of brokerage services applicable to a particular transaction may be considered when making this judgment, which may include, but is not limited to: liquidity, price, commission, timing, aggregated trades, capable floor brokers or traders, competent block trading coverage, ability to position, capital strength and stability, reliable and accurate communications and settlement processing, use of automation, knowledge of other buyers or sellers, arbitrage skills, administrative ability, underwriting and provision of information on a particular security or market in which the transaction is to occur. The specific criteria will vary depending upon the nature of the transaction, the market in which it is executed, and the extent to which it is possible to select from among multiple broker/dealers. The Adviser will also use electronic crossing networks ("ECNs") when appropriate.

The Adviser may use a Fund's assets for, or participate in, third-party soft dollar arrangements, in addition to receiving proprietary research from various full service brokers, the cost of which is bundled with the cost of the broker's execution services. The Adviser does not "pay up" for the value of any such proprietary research. Section 28(e) of the 1934 Act permits the Adviser, under certain circumstances, to cause a Fund to pay a broker or dealer a commission for effecting a transaction in excess of the amount of commission another broker or dealer would have charged for effecting the transaction in recognition of the value of brokerage and research services provided by the broker or dealer. The Adviser may receive a variety of research services and information on many topics, which it can use in connection with its management responsibilities with respect to the various accounts over which it exercises investment discretion or otherwise provides investment advice. The research services may include qualifying order management systems, portfolio attribution and monitoring services and computer software and access charges which are directly related to investment research. Accordingly, a Fund may pay a broker commission higher than the lowest available in recognition of the broker's provision of such services to the Adviser, but only if the Adviser determines the total commission (including the soft dollar benefit) is comparable to the best commission rate that could be expected to be received from other brokers. The amount of soft dollar benefits received depends on the amount of brokerage transactions effected with the brokers. A conflict of interest exists because there is an incentive to: 1) cause clients to pay a higher commission than the firm might otherwise be able to negotiate; 2) cause clients to engage in more securities transactions than would otherwise be optimal; and 3) only recommend brokers that provide soft dollar benefits.

The Adviser faces a potential conflict of interest when it uses client trades to obtain brokerage or research services. This conflict exists because the Adviser is able to use the brokerage or research services to manage client accounts without paying cash for such services, which reduces the Adviser's expenses to the extent that the Adviser would have purchased such products had they not been provided by brokers. Section 28(e) permits the Adviser to use brokerage or research services for the benefit of any account it manages. Certain accounts managed by the Adviser may generate soft dollars used to purchase brokerage or research services that ultimately benefit other accounts managed by the Adviser, effectively cross subsidizing the other accounts managed by the Adviser that benefit directly from the product. The Adviser may not necessarily use all of the brokerage or research services in connection with managing a Fund whose trades generated the soft dollars used to purchase such products.

The Adviser is responsible, subject to oversight by the Board, for placing orders on behalf of the Funds for the purchase or sale of portfolio securities. If purchases or sales of portfolio securities of the Funds and one or more other investment companies or clients supervised by the Adviser are considered at or about the same time, transactions in such securities are allocated among the several investment companies and clients in a manner deemed equitable and consistent with its fiduciary obligations to all by the Adviser. In some cases, this procedure could have a detrimental effect on the price or volume of the security so far as the Funds are concerned. However, in other cases, it is possible that the ability to participate in volume transactions and to negotiate lower brokerage commissions will be beneficial to the Funds. The primary consideration is prompt execution of orders at the most favorable net price.

The Funds may deal with affiliates in principal transactions to the extent permitted by exemptive order or applicable rule or regulation. For the fiscal periods indicated below, the Funds paid the following amounts in brokerage commissions:

<b>Fund and Period</b>	<b>Brokerage Commissions</b>
<b>Mobile Payments ETF</b>	
Fiscal year ended September 30, 2017	\$24,058
Fiscal year ended September 30, 2018	\$83,668
Fiscal year ended September 30, 2019	\$130,785
<b>Cyber Security ETF</b>	
Fiscal year ended September 30, 2017	\$546,079
Fiscal year ended September 30, 2018	\$409,558
Fiscal year ended September 30, 2019	\$433,198
<b>Junior Silver ETF</b>	
Fiscal year ended September 30, 2017	\$311,028
Fiscal year ended September 30, 2018	\$65,454
Fiscal year ended September 30, 2019	\$123,415
<b>Drone Economy ETF</b>	
Fiscal year ended September 30, 2017	\$3,195
Fiscal year ended September 30, 2018	\$13,617
Fiscal year ended September 30, 2019	\$19,091
<b>Video Game Tech ETF</b>	
Fiscal year ended September 20, 2017	\$15,904
Fiscal year ended September 30, 2018	\$68,560
Fiscal year ended September 30, 2019	\$60,473

Of the above amounts, the following amounts were paid to the affiliated broker-dealers listed below for the fiscal periods indicated below:

<b>Fund and Period</b>	<b>Affiliated Broker</b>
<b>Mobile Payments ETF</b>	
Commissions Paid fiscal year ended September 30, 2017	Penserra Securities, LLC* \$7
<b>Cyber Security ETF</b>	
Commissions Paid fiscal year ended September 30, 2017	Penserra Securities, LLC* \$34,605
<b>Junior Silver ETF</b>	
Commissions Paid fiscal year ended September 30, 2017	Esposito Securities, LLC \$94,969
<b>Drone Economy ETF</b>	
Commission Paid fiscal year ended September 30, 2017	Penserra Securities, LLC* \$20
<b>Video Game Tech ETF</b>	
Commission Paid fiscal year ended September 30, 2017	Penserra Securities, LLC* \$86

\*Penserra Securities, LLC is an affiliated person of Penserra which served as the Funds' sub-adviser during the periods described above. For the fiscal years ended September 30, 2018 and September 30, 2019, the Funds' did not make any payments to affiliated broker-dealers.

**Brokerage with Fund Affiliates.** The Funds may execute brokerage or other agency transactions through registered broker-dealer affiliates of either the Funds, the Adviser, or the Distributor for a commission in conformity with the 1940 Act, the 1934 Act and rules promulgated by the SEC. These rules require that commissions paid to the affiliate by the Funds for exchange transactions not exceed "usual and customary" brokerage commissions. The rules define "usual and customary" commissions to include amounts which are "reasonable and fair compared to the commission, fee or other remuneration received or to be received by other brokers in connection with comparable transactions involving similar securities being purchased or sold on a securities exchange during a comparable period of time." The Trustees, including those who are not "interested persons" of the Funds, have adopted procedures for evaluating the reasonableness of commissions paid to affiliates and review these procedures periodically.

**Securities of “Regular Broker-Dealer.”** The Funds are required to identify any securities of their “regular brokers and dealers” (as such term is defined in the 1940 Act) which it may hold at the close of its most recent fiscal year. “Regular brokers or dealers” of the Trust are the ten brokers or dealers that, during the most recent fiscal year: (i) received the greatest dollar amounts of brokerage commissions from the Trust’s portfolio transactions; (ii) engaged as principal in the largest dollar amounts of portfolio transactions of the Trust; or (iii) sold the largest dollar amounts of the Trust’s shares. For the fiscal year ended September 30, 2019, Mobile Payments ETF, Junior Silver ETF, Cyber Security ETF, Drone Economy ETF and Video Game ETF did not hold any securities of “regular broker dealers” to report.

## PORTFOLIO TURNOVER RATES

Portfolio turnover rates may vary from year to year, as well as within a year. High turnover rates are likely to result in comparatively greater brokerage expenses. The overall reasonableness of brokerage commissions is evaluated by the Adviser based upon the Advisers knowledge of available information as to the general level of commissions paid by other institutional investors for comparable services.

For the fiscal periods indicated below, the Funds had the following portfolio turnover rate:

<b>Fund and Period</b>	<b>Portfolio Turnover</b>
<b>Mobile Payments ETF</b>	
Fiscal year ended September 30, 2018	16%
Fiscal year ended September 30, 2019	28%
<b>Cyber Security ETF</b>	
Fiscal year ended September 30, 2018	41%
Fiscal year ended September 30, 2019	36%
<b>Junior Silver ETF</b>	
Fiscal year ended September 30, 2018	36%
Fiscal year ended September 30, 2019	34%
<b>Drone Economy ETF</b>	
Fiscal year ended September 30, 2018	42%
Fiscal year ended September 30, 2019	38%
<b>Video Game Tech ETF</b>	
Fiscal year ended September 30, 2018	42%
Fiscal year ended September 30, 2019	38%

## BOOK ENTRY ONLY SYSTEM

Depository Trust Company (“DTC”) acts as securities depository for the Shares. Shares of each Fund are represented by securities registered in the name of DTC or its nominee, Cede & Co., and deposited with, or on behalf of, DTC. Except in limited circumstances set forth below, certificates will not be issued for Shares.

DTC is a limited-purpose trust company that was created to hold securities of its participants (the “DTC’s Participants”) and to facilitate the clearance and settlement of securities transactions among the DTC Participants in such securities through electronic book-entry changes in accounts of the DTC Participants, thereby eliminating the need for physical movement of securities certificates. DTC Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations, some of whom (and/or their representatives) own DTC. More specifically, DTC is owned by a number of its DTC Participants and by the NYSE and FINRA. Access to the DTC system is also available to others such as banks, brokers, dealers, and trust companies that clear through or maintain a custodial relationship with a DTC Participant, either directly or indirectly (the “Indirect Participants”).

Beneficial ownership of Shares is limited to DTC Participants, Indirect Participants, and persons holding interests through DTC Participants and Indirect Participants. Ownership of beneficial interests in Shares (owners of such beneficial interests are referred to herein as “Beneficial Owners”) is shown on, and the transfer of ownership is effected only through, records maintained by DTC (with respect to DTC Participants) and on the records of DTC Participants (with respect to Indirect Participants and Beneficial Owners that are not DTC Participants). Beneficial Owners will receive from or through the DTC Participant a written confirmation relating to their purchase of Shares. The Trust recognizes DTC or its nominee as the record owner of all Shares for all purposes. Beneficial Owners of Shares are not entitled to have Shares registered in their names, and will not receive or be entitled to physical delivery of share certificates. Each Beneficial Owner must rely on the procedures of DTC and any DTC Participant and/or Indirect Participant through which such Beneficial Owner holds its interests, to exercise any rights of a holder of Shares.

Conveyance of all notices, statements, and other communications to Beneficial Owners is effected as follows. DTC will make available to the Trust upon request and for a fee a listing of Shares held by each DTC Participant. The Trust shall obtain from each such DTC Participant the number of Beneficial Owners holding Shares, directly or indirectly, through such DTC Participant. The Trust shall provide

each such DTC Participant with copies of such notice, statement, or other communication, in such form, number and at such place as such DTC Participant may reasonably request, in order that such notice, statement or communication may be transmitted by such DTC Participant, directly or indirectly, to such Beneficial Owners. In addition, the Trust shall pay to each such DTC Participant a fair and reasonable amount as reimbursement for the expenses attendant to such transmittal, all subject to applicable statutory and regulatory requirements.

Share distributions shall be made to DTC or its nominee, Cede & Co., as the registered holder of all shares. DTC or its nominee, upon receipt of any such distributions, shall credit immediately DTC Participants' accounts with payments in amounts proportionate to their respective beneficial interests in each Fund as shown on the records of DTC or its nominee. Payments by DTC Participants to Indirect Participants and Beneficial Owners of Shares held through such DTC Participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers in bearer form or registered in a "street name," and will be the responsibility of such DTC Participants.

The Trust has no responsibility or liability for any aspect of the records relating to or notices to Beneficial Owners, or payments made on account of beneficial ownership interests in the Funds' shares, or for maintaining, supervising, or reviewing any records relating to such beneficial ownership interests, or for any other aspect of the relationship between DTC and the DTC Participants or the relationship between such DTC Participants and the Indirect Participants and Beneficial Owners owning through such DTC Participants.

DTC may determine to discontinue providing its service with respect to the Funds at any time by giving reasonable notice to the Funds and discharging its responsibilities with respect thereto under applicable law. Under such circumstances, the Funds shall take action either to find a replacement for DTC to perform its functions at a comparable cost or, if such replacement is unavailable, to issue and deliver printed certificates representing ownership of Shares, unless the Trust makes other arrangements with respect thereto satisfactory to the applicable Exchange.

#### CONTROL PERSONS AND PRINCIPAL HOLDERS OF SECURITIES

A principal shareholder is any person who owns of record or beneficially 5% or more of the outstanding shares of a fund. A control person is a shareholder that owns beneficially or through controlled companies more than 25% of the voting securities of a company or acknowledges the existence of control. Shareholders owning voting securities in excess of 25% may determine the outcome of any matter affecting and voted on by shareholders of a Fund.

The following table sets forth the name, address, and percentage of ownership of each person who is known by the Trust to own, of record or beneficially, 5% or more of each Fund's outstanding equity securities as of January 3, 2020:

#### Mobile Payments ETF

Name and Address	% Ownership	Parent Company (if applicable)	Jurisdiction (if applicable)	Type of Ownership
National Financial Services LLC 200 Liberty Street New York, NY 10281	13.77%	N/A	N/A	Record
Citibank, N.A. 388 Greenwich Street New York, NY 1004	12.20%	N/A	N/A	Record
Charles Schwab & Co., Inc. 211 Main Street San Francisco, CA 94105-1905	11.65%	N/A	N/A	Record
JP Morgan Chase Bank NA 1111 Polaris Parkway Columbus, OH 43240	8.75%	N/A	N/A	Record
TD Ameritrade, Inc. P.O. Box 2226 Omaha, NE 68103-2226	6.91%	N/A	N/A	Record

**Cyber Security ETF**

<b>Name and Address</b>	<b>% Ownership</b>	<b>Parent Company (if applicable)</b>	<b>Jurisdiction (if applicable)</b>	<b>Type of Ownership</b>
Charles Schwab & Co., Inc. 211 Main Street San Francisco, CA 94105-1905	14.29%	N/A	N/A	Record
Citibank, N.A. 388 Greenwich Street New York, NY 1004	11.47%	N/A	N/A	Record
National Financial Services LLC 200 Liberty Street New York, NY 10281	11.46%	N/A	N/A	Record
Brown Brothers Harriman & Co. 140 Broadway New York, NY 10005	7.49%	N/A	N/A	Record
TD Ameritrade, Inc. P.O. Box 2226 Omaha, NE 68103-2226	5.70%	N/A	N/A	Record
Pershing, LLC PO Box 2052 Jersey City, NJ 07303	5.50%	N/A	N/A	Record
UBS Financial Services, Inc. 1200 Harbor Boulevard Weehawken, NJ 07086	5.01%	N/A	N/A	Record

**Junior Silver ETF**

<b>Name and Address</b>	<b>% Ownership</b>	<b>Parent Company (if applicable)</b>	<b>Jurisdiction (if applicable)</b>	<b>Type of Ownership</b>
National Financial Services LLC 200 Liberty Street New York, NY 10281	18.40%	N/A	N/A	Record
TD Ameritrade, Inc. P.O. Box 2226 Omaha, NE 68103-2226	16.76%	N/A	N/A	Record
Charles Schwab & Co., Inc. 211 Main Street San Francisco, CA 94105-1905	13.27%	N/A	N/A	Record
Citibank, N.A. 388 Greenwich Street New York, NY 1004	6.41%	N/A	N/A	Record
Pershing, LLC PO Box 2052 Jersey City, NJ 07303	5.81%	N/A	N/A	Record
E*Trade Securities LLC 11 Times Square, 32nd Floor New York, NY 10036	5.45%	N/A	N/A	Record
Vanguard Brokerage Services P.O. Box 1110 Valley Forge, PA 19482	5.00%	N/A	N/A	Record

## Drone Economy ETF

<b>Name and Address</b>	<b>% Ownership</b>	<b>Parent Company (if applicable)</b>	<b>Jurisdiction (if applicable)</b>	<b>Type of Ownership</b>
National Financial Services LLC 200 Liberty Street New York, NY 10281	14.12%	N/A	N/A	Record
Charles Schwab & Co., Inc. 211 Main Street San Francisco, CA 94105-1905	9.38%	N/A	N/A	Record
JP Morgan Chase Bank NA 1111 Polaris Parkway Columbus, OH 43240	9.18%	N/A	N/A	Record
Citibank, N.A. 388 Greenwich Street New York, NY 1004	9.18%	N/A	N/A	Record
Pershing, LLC PO Box 2052 Jersey City, NJ 07303	6.85%	N/A	N/A	Record
LPL Financial Holdings Inc 75 State Street, 22nd Floor Boston, MA 02109	6.56%	N/A	N/A	Record
Brown Brothers Harriman & Co. 140 Broadway New York, NY 10005	6.42%	N/A	N/A	Record
TD Ameritrade, Inc. P.O. Box 2226 Omaha, NE 68103-2226	5.54%	N/A	N/A	Record

## Video Game Tech ETF

<b>Name and Address</b>	<b>% Ownership</b>	<b>Parent Company (if applicable)</b>	<b>Jurisdiction (if applicable)</b>	<b>Type of Ownership</b>
Brown Brothers Harriman & Co. 140 Broadway New York, NY 10005	13.00%	N/A	N/A	Record
National Financial Services LLC 200 Liberty Street New York, NY 10281	11.19%	N/A	N/A	Record
Charles Schwab & Co., Inc. 211 Main Street San Francisco, CA 94105-1905	9.45%	N/A	N/A	Record
Citibank, N.A. 388 Greenwich Street New York, NY 1004	8.52%	N/A	N/A	Record
Merrill Lynch, Pierce, Fenner & Smith Inc. One Bryant Park New York, NY 10036	7.16%	N/A	N/A	Record

## PURCHASE AND ISSUANCE OF SHARES IN CREATION UNITS

The Trust issues and sells Shares of the Funds only in Creation Units on a continuous basis through the Distributor, without a sales load (but subject to transaction fees), at their NAV per share next determined after receipt of an order, on any Business Day, in proper form pursuant to the terms of the Authorized Participant Agreement (“Participant Agreement”). The NAV of each Fund’s shares is calculated each business day as of the close of regular trading on the New York Stock Exchange, generally 4:00 p.m., Eastern Time. The Funds will not issue fractional Creation Units. A Business Day is any day on which the New York Stock Exchange is generally open for business.

**Fund Deposit.** The consideration for purchase of a Creation Unit of the Funds generally consists of the in-kind deposit of a designated portfolio of securities (the “Deposit Securities”) per each Creation Unit, constituting a substantial replication, or a portfolio sampling

representation, of the securities included in each Fund's Underlying Index and the Cash Component (defined below), computed as described below. Notwithstanding the foregoing, the Trust reserves the right to permit or require the substitution of a "cash in lieu" amount ("Deposit Cash") to be added to the Cash Component to replace any Deposit Security. When accepting purchases of Creation Units for all or a portion of Deposit Cash, the Funds may incur additional costs associated with the acquisition of Deposit Securities that would otherwise be provided by an in-kind purchaser.

Together, the Deposit Securities or Deposit Cash, as applicable, and the Cash Component constitute the "Fund Deposit," which represents the minimum initial and subsequent investment amount for a Creation Unit of a Fund. The "Cash Component" is an amount equal to the difference between the net asset value of the Shares (per Creation Unit) and the market value of the Deposit Securities or Deposit Cash, as applicable. If the Cash Component is a positive number (*i.e.*, the net asset value per Creation Unit exceeds the market value of the Deposit Securities or Deposit Cash, as applicable), the Cash Component shall be such positive amount. If the Cash Component is a negative number (*i.e.*, the net asset value per Creation Unit is less than the market value of the Deposit Securities or Deposit Cash, as applicable), the Cash Component shall be such negative amount and the creator will be entitled to receive cash in an amount equal to the Cash Component. The Cash Component serves the function of compensating for any differences between the net asset value per Creation Unit and the market value of the Deposit Securities or Deposit Cash, as applicable. Computation of the Cash Component excludes any stamp duty or other similar fees and expenses payable upon transfer of beneficial ownership of the Deposit Securities, if applicable, which shall be the sole responsibility of the Authorized Participant (as defined below).

The Funds, through the National Securities Clearance Corporation (the "NSCC"), make available on each Business Day, immediately prior to the opening of business on the applicable Exchange (currently 9:30 a.m., Eastern time), the list of the names and the required number of shares of each Deposit Security or the required amount of Deposit Cash, as applicable, to be included in the current Fund Deposit (based on information at the end of the previous Business Day) for each Fund. Such Fund Deposit is subject to any applicable adjustments as described below, in order to effect purchases of Creation Units of a Fund until such time as the next-announced composition of the Deposit Securities or the required amount of Deposit Cash, as applicable, is made available.

The identity and number of shares of the Deposit Securities or the amount of Deposit Cash, as applicable, required for the Fund Deposit for a Fund changes as rebalancing adjustments and corporate action events are reflected from time to time by the Adviser with a view to the investment objective of the Fund. The composition of the Deposit Securities may also change in response to adjustments to the weighting or composition of the component securities of a Fund's Underlying Index.

The Trust reserves the right to permit or require the substitution of an amount of cash (*i.e.*, a "cash in lieu" amount) to replace any Deposit Security, including, without limitation, in situations where the Deposit Security: (i) may not be available in sufficient quantity for delivery; (ii) may not be eligible for transfer through the systems of DTC for corporate securities and municipal securities; (iii) may not be eligible for trading by an Authorized Participant (as defined below) or the investor for which it is acting; (iv) would be restricted under the securities laws or where the delivery of the Deposit Security to the Authorized Participant would result in the disposition of the Deposit Security by the Authorized Participant becoming restricted under the securities laws; or (v) in certain other situations (collectively, "custom orders"). The Trust also reserves the right to include or remove Deposit Securities from the basket in anticipation of index rebalancing changes. The adjustments described above will reflect changes, known to the Adviser on the date of announcement to be in effect by the time of delivery of the Fund Deposit, in the composition of the subject Index being tracked by a Fund or resulting from certain corporate actions.

**Procedures for Purchase of Creation Units.** To be eligible to place orders with the Distributor to purchase a Creation Unit of a Fund, an entity must be (i) a "Participating Party", *i.e.*, a broker-dealer or other participant in the clearing process through the Continuous Net Settlement System of the NSCC (the "Clearing Process"), a clearing agency that is registered with the SEC; or (ii) a DTC Participant (see "BOOK ENTRY ONLY SYSTEM"). In addition, each Participating Party or DTC Participant (each, an "Authorized Participant") must execute a Participant Agreement that has been agreed to by the Distributor, and that has been accepted by the Transfer Agent, with respect to purchases and redemptions of Creation Units. Each Authorized Participant will agree, pursuant to the terms of a Participant Agreement, on behalf of itself or any investor on whose behalf it will act, to certain conditions, including that it will pay to the Trust, an amount of cash sufficient to pay the Cash Component together with the Creation Transaction Fee (defined below) and any other applicable fees and taxes. The Adviser may retain all or a portion of the Transaction Fee to the extent the Adviser bears the expenses that otherwise would be borne by the Trust in connection with the purchase of a Creation Unit, which the Transaction Fee is designed to cover.

All orders to purchase Shares directly from a Fund must be placed for one or more Creation Units and in the manner and by the time set forth in the Participant Agreement and/or applicable order form. The date on which an order to purchase Creation Units (or an order to redeem Creation Units, as set forth below) is received and accepted is referred to as the "Order Placement Date."

An Authorized Participant may require an investor to make certain representations or enter into agreements with respect to the order, (*e.g.*, to provide for payments of cash, when required). Investors should be aware that their particular broker may not have executed a Participant Agreement and that, therefore, orders to purchase Shares directly from a Fund in Creation Units have to be placed by the investor's broker through an Authorized Participant that has executed a Participant Agreement. In such cases there may be additional charges to such investor. At any given time, there may be only a limited number of broker-dealers that have executed a Participant Agreement and only a small number of such Authorized Participants may have international capabilities.

On days when the applicable Exchange closes earlier than normal, the Funds may require orders to create Creation Units to be placed earlier in the day. In addition, if a market or markets on which the Funds' investments are primarily traded is closed, the Funds will also generally not accept orders on such day(s). Orders must be transmitted by an Authorized Participant by telephone or other transmission method acceptable to the Distributor pursuant to procedures set forth in the Participant Agreement and in accordance with the applicable order form. With respect to the Funds, the Distributor will notify the Custodian of such order. The Custodian will then provide such information to the appropriate local sub-custodian(s). Those placing orders through an Authorized Participant should allow sufficient time to permit proper submission of the purchase order to the Transfer Agent, and acceptance by the Distributor, by the cut-off time on such Business Day. Economic or market disruptions or changes, or telephone or other communication failure may impede the ability to reach the Distributor or an Authorized Participant.

Fund Deposits must be delivered by an Authorized Participant through the Federal Reserve System (for cash) or through DTC (for corporate securities), through a sub-custody agent (for foreign securities) and/or through such other arrangements allowed by the Trust or its agents. With respect to foreign Deposit Securities, the Custodian shall cause the sub-custodian of the Fund to maintain an account into which the Authorized Participant shall deliver, on behalf of itself or the party on whose behalf it is acting, such Deposit Securities (or Deposit Cash for all or a part of such securities, as permitted or required), with any appropriate adjustments as advised by the Trust. Foreign Deposit Securities must be delivered to an account maintained at the applicable local sub-custodian. The Fund Deposit transfer must be ordered by the Authorized Participant in a timely fashion so as to ensure the delivery of the requisite number of Deposit Securities or Deposit Cash, as applicable, to the account of a Fund or its agents by no later than the Settlement Date. The "Settlement Date" for the Fund is generally the second Business Day after the Order Placement Date. All questions as to the number of Deposit Securities or Deposit Cash to be delivered, as applicable, and the validity, form and eligibility (including time of receipt) for the deposit of any tendered securities or cash, as applicable, will be determined by the Trust, whose determination shall be final and binding. The amount of cash represented by the Cash Component must be transferred directly to the Custodian through the Federal Reserve Bank wire transfer system or through DTC in a timely manner so as to be received by the Custodian no later than the Settlement Date. If the Cash Component and the Deposit Securities or Deposit Cash, as applicable, are not received by in a timely manner by the Settlement Date, the creation order may be cancelled. Upon written notice to the Distributor, such canceled order may be resubmitted the following Business Day using the Fund Deposit as newly constituted to reflect the then current NAV of a Fund.

The order shall be deemed to be received on the Business Day on which the order is placed provided that the order is placed in proper form prior to the applicable cut-off time and the federal funds in the appropriate amount are deposited by 2:00 p.m. or 3:00 p.m. Eastern time (as set forth on the applicable order form), with the Custodian on the Settlement Date. If the order is not placed in proper form as required, or federal funds in the appropriate amount are not received by 2:00 p.m. or 3:00 p.m. Eastern time (as set forth on the applicable order form) on the Settlement Date, then the order may be deemed to be rejected and the Authorized Participant shall be liable to a Fund for losses, if any, resulting therefrom. A creation request is considered to be in "proper form" if all procedures set forth in the Participant Agreement, order form and this SAI are properly followed.

**Issuance of a Creation Unit.** Except as provided herein, Creation Units will not be issued until the transfer of good title to the Trust of the Deposit Securities or payment of Deposit Cash, as applicable, and the payment of the Cash Component have been completed. When the sub-custodian has confirmed to the Custodian that the required Deposit Securities (or the cash value thereof) have been delivered to the account of the relevant sub-custodian or sub-custodians, the Distributor and the Adviser shall be notified of such delivery, and the Trust will issue and cause the delivery of the Creation Units. The delivery of Creation Units so created generally will occur no later than the second Business Day following the day on which the purchase order is deemed received by the Distributor. However, as discussed in Appendix A, the Funds reserve the right to settle Creation Unit transactions on a basis other than the second Business Day following the day on which the purchase order is deemed received by the Distributor in order to accommodate foreign market holiday schedules, to account for different treatment among foreign and U.S. markets of dividend record dates and ex-dividend dates (that is the last day the holder of a security can sell the security and still receive dividends payable on the security), and in certain other circumstances. The Authorized Participant shall be liable to a Fund for losses, if any, resulting from unsettled orders.

Creation Units may be purchased in advance of receipt by the Trust of all or a portion of the applicable Deposit Securities as described below. In these circumstances, the initial deposit will have a value greater than the net asset value of the Shares on the date the order is placed in proper form since in addition to available Deposit Securities, cash must be deposited in an amount equal to the sum of (i) the Cash Component, plus (ii) an additional amount of cash equal to a percentage of the market value as set forth in the Participant Agreement, of the undelivered Deposit Securities (the "Additional Cash Deposit"), which shall be maintained in a separate non-interest bearing collateral account. An additional amount of cash shall be required to be deposited with the Trust, pending delivery of the missing Deposit Securities to the extent necessary to maintain the Additional Cash Deposit with the Trust in an amount at least equal to the applicable percentage, as set forth in the Participant Agreement, of the daily marked to market value of the missing Deposit Securities. The Participant Agreement will permit the Trust to buy the missing Deposit Securities at any time. Authorized Participants will be liable to the Trust for the costs incurred by the Trust in connection with any such purchases. These costs will be deemed to include the amount by which the actual purchase price of the Deposit Securities exceeds the market value of such Deposit Securities on the day the purchase order was deemed received by the Distributor plus the brokerage and related transaction costs associated with such purchases. The Trust will return any unused portion of the Additional Cash Deposit once all of the missing Deposit Securities have been properly received by the Custodian or purchased by the Trust and deposited into the Trust. In addition, a Transaction Fee as set forth below under "Creation Transaction Fee" will be charged in all cases. The delivery of Creation Units so created generally will occur no later than the Settlement Date.



**Acceptance of Orders of Creation Units.** The Trust reserves the absolute right to reject an order for Creation Units transmitted to it by the Distributor in respect of a Fund including, without limitation, if (a) the order is not in proper form; (b) the Deposit Securities or Deposit Cash, as applicable, delivered by the Participant are not as disseminated through the facilities of the NSCC for that date by the Custodian; (c) the investor(s), upon obtaining the Shares ordered, would own 80% or more of the currently outstanding Shares of a Fund; (d) acceptance of the Deposit Securities would have certain adverse tax consequences to a Fund; (e) the acceptance of the Fund Deposit would, in the opinion of counsel, be unlawful; (f) the acceptance of the Fund Deposit would otherwise, in the discretion of the Trust or the Adviser, have an adverse effect on the Trust or the rights of beneficial owners; (g) the acceptance or receipt of the order for a Creation Unit would, in the opinion of counsel to the Trust, be unlawful; or (h) in the event that circumstances outside the control of the Trust, the Custodian, the Transfer Agent and/or the Adviser make it for all practical purposes not feasible to process orders for Creation Units.

Examples of such circumstances include acts of God or public service or utility problems such as fires, floods, extreme weather conditions and power outages resulting in telephone, telecopy and computer failures; market conditions or activities causing trading halts; systems failures involving computer or other information systems affecting the Trust, the Distributor, the Custodian, a sub-custodian, the Transfer Agent, DTC, NSCC, Federal Reserve System, or any other participant in the creation process, and other extraordinary events. The Distributor shall notify a prospective creator of a Creation Unit and/or the Authorized Participant acting on behalf of the creator of a Creation Unit of its rejection of the order of such person. The Trust, the Transfer Agent, the Custodian, any sub-custodian and the Distributor are under no duty, however, to give notification of any defects or irregularities in the delivery of Fund Deposits nor shall either of them incur any liability for the failure to give any such notification. The Trust, the Transfer Agent, the Custodian and the Distributor shall not be liable for the rejection of any purchase order for Creation Units.

All questions as to the number of shares of each security in the Deposit Securities and the validity, form, eligibility and acceptance for deposit of any securities to be delivered shall be determined by the Trust, and the Trust's determination shall be final and binding.

**Creation Transaction Fee.** A purchase (*i.e.*, creation) transaction fee, payable to the Funds' custodian, may be imposed for the transfer and other transaction costs associated with the purchase of Creation Units, and investors may be required to pay a creation transaction fee regardless of the number of Creation Units created in the transaction. A Fund may adjust the creation transaction fee from time to time. The standard fixed creation transaction fee for each Fund can be found in the table below, which also shows the maximum variable fee that will be charged on all cash transactions or substitutes for Creation Units as a percentage of the value of the Creation Units subject to the transaction.

<b>Fund</b>	<b>Fixed Creation Transaction Fee</b>	<b>Maximum Variable Transaction Fee</b>
Mobile Payments ETF	\$300	2%
Cyber Security ETF	\$750	2%
Junior Silver ETF	\$750	2%
Drone Economy ETF	\$750	2%
Video Game Tech ETF	\$750	2%

The variable charge may be imposed for cash purchases, non-standard orders, or partial cash purchases incurred by a Fund, primarily designed to cover expenses related to broker commissions. Investors who use the services of a broker or other such intermediary may be charged a fee for such services. Investors are responsible for the fixed costs of transferring the securities constituting the Deposit Securities to the account of the Trust.

**Risks of Purchasing Creation Units.** There are certain legal risks unique to investors purchasing Creation Units directly from a Fund. Because a Fund's shares may be issued on an ongoing basis, a "distribution" of Shares could be occurring at any time. Certain activities that a shareholder performs as a dealer could, depending on the circumstances, result in the shareholder being deemed a participant in the distribution in a manner that could render the shareholder a statutory underwriter and subject to the prospectus delivery and liability provisions of the Securities Act. For example, a shareholder could be deemed a statutory underwriter if it purchases Creation Units from a Fund, breaks them down into the constituent Shares, and sells those Shares directly to customers, or if a shareholder chooses to couple the creation of a supply of new Shares with an active selling effort involving solicitation of secondary-market demand for Shares. Whether a person is an underwriter depends upon all of the facts and circumstances pertaining to that person's activities, and the examples mentioned here should not be considered a complete description of all the activities that could cause you to be deemed an underwriter.

Dealers who are not "underwriters" but are participating in a distribution (as opposed to engaging in ordinary secondary-market transactions), and thus dealing with a Fund's Shares as part of an "unsold allotment" within the meaning of Section 4(a)(3)(C) of the Securities Act, will be unable to take advantage of the prospectus delivery exemption provided by Section 4(a)(3) of the Securities Act.

**Redemption.** Shares may be redeemed only in Creation Units at their net asset value next determined after receipt of a redemption request in proper form by a Fund through the Transfer Agent and only on a Business Day. EXCEPT UPON LIQUIDATION OF THE FUND, THE TRUST WILL NOT REDEEM SHARES IN AMOUNTS LESS THAN CREATION UNITS. Investors must accumulate enough Shares in the secondary market to constitute a Creation Unit in order to have such Shares redeemed by the Trust. There can be no assurance,

however, that there will be sufficient liquidity in the public trading market at any time to permit assembly of a Creation Unit. Investors should expect to incur brokerage and other costs in connection with assembling a sufficient number of Shares to constitute a redeemable Creation Unit.

With respect to the Funds, the Custodian, through the NSCC, makes available immediately prior to the opening of business on the applicable Exchange (currently 9:30 a.m. Eastern time) on each Business Day, the list of the names and share quantities of each Fund’s portfolio securities that will be applicable (subject to possible amendment or correction) to redemption requests received in proper form (as defined below) on that day (“Fund Securities”). Fund Securities received on redemption may not be identical to Deposit Securities.

Redemption proceeds for a Creation Unit are paid either in-kind or in cash, or combination thereof, as determined by the Trust. With respect to in-kind redemptions of the Funds, redemption proceeds for a Creation Unit will consist of Fund Securities — as announced by the Custodian on the Business Day of the request for redemption received in proper form plus cash in an amount equal to the difference between the net asset value of the Shares being redeemed, as next determined after a receipt of a request in proper form, and the value of the Fund Securities (the “Cash Redemption Amount”), less a fixed redemption transaction fee as set forth below. In the event that the Fund Securities have a value greater than the net asset value of the Shares, a compensating cash payment equal to the differential is required to be made by or through an Authorized Participant by the redeeming shareholder. Notwithstanding the foregoing, at the Trust’s discretion, an Authorized Participant may receive the corresponding cash value of the securities in lieu of the in-kind securities value representing one or more Fund Securities.

**Redemption of Transaction Fee.** A redemption transaction fee, payable to the Funds’ custodian, may be imposed for the transfer and other transaction costs associated with the redemption of Creation Units, and investors will be required to pay a fixed redemption transaction fee regardless of the number of Creation Units created in the transaction, as set forth in the Funds’ Prospectus, as may be revised from time to time. The redemption transaction fee is the same no matter how many Creation Units are being redeemed pursuant to any one redemption request. A Fund may adjust the redemption transaction fee from time to time. The standard fixed redemption transaction fee for the Funds can be found in the table below, which also shows the maximum variable fee that will be charged on all cash transactions or substitutes for Creation Units as a percentage of the value of the Creation Units subject to the transaction.

<b>Fund</b>	<b>Fixed Redemption Transaction Fee</b>	<b>Maximum Variable Transaction Fee</b>
Mobile Payments ETF	\$300	2%
Cyber Security ETF	\$750	2%
Junior Silver ETF	\$750	2%
Drone Economy ETF	\$750	2%
Video Game Tech ETF	\$750	2%

The variable charge may be imposed for cash redemptions, non-standard orders, or partial cash redemptions (when cash redemptions are available) incurred by a Fund, primarily designed to cover expenses related to broker commissions. Investors who use the services of a broker or other such intermediary may be charged a fee for such services. Investors are responsible for the fixed costs of transferring the Fund Securities from the Trust to their account or on their order.

**Procedures for Redemption of Creation Units.** Orders to redeem Creation Units must be submitted in proper form to the Transfer Agent prior to the time as set forth in the Participant Agreement. A redemption request is considered to be in “proper form” if (i) an Authorized Participant has transferred or caused to be transferred to the Trust’s Transfer Agent the Creation Unit(s) being redeemed through the book-entry system of DTC so as to be effective by the time as set forth in the Participant Agreement and (ii) a request in form satisfactory to the Trust is received by the Transfer Agent from the Authorized Participant on behalf of itself or another redeeming investor within the time periods specified in the Participant Agreement. If the Transfer Agent does not receive the investor’s Shares through DTC’s facilities by the times and pursuant to the other terms and conditions set forth in the Participant Agreement, the redemption request shall be rejected.

The Authorized Participant must transmit the request for redemption, in the form required by the Trust, to the Transfer Agent in accordance with procedures set forth in the Authorized Participant Agreement. Investors should be aware that their particular broker may not have executed an Authorized Participant Agreement, and that, therefore, requests to redeem Creation Units may have to be placed by the investor’s broker through an Authorized Participant who has executed an Authorized Participant Agreement. Investors making a redemption request should be aware that such request must be in the form specified by such Authorized Participant. Investors making a request to redeem Creation Units should allow sufficient time to permit proper submission of the request by an Authorized Participant and transfer of the Shares to the Trust’s Transfer Agent; such investors should allow for the additional time that may be required to effect redemptions through their banks, brokers or other financial intermediaries if such intermediaries are not Authorized Participants.

**Additional Redemption Procedures.** In connection with taking delivery of shares of Fund Securities upon redemption of Creation Units, the Authorized Participant must maintain appropriate custody arrangements with a qualified broker-dealer, bank or other custody providers in each jurisdiction in which any of the Fund Securities are customarily traded, to which account such Fund Securities will be delivered. Deliveries of redemption proceeds generally will be made within two business days of the trade date. However, due to the schedule of

holidays in certain countries, the different treatment among foreign and U.S. markets of dividend record dates and dividend ex-dates (that is the last date the holder of a security can sell the security and still receive dividends payable on the security sold), and in certain other circumstances, the delivery of in-kind redemption proceeds may take longer than two Business Days after the day on which the redemption request is received in proper form. Appendix A identifies the instances where more than seven days would be needed to deliver redemption proceeds. Pursuant to an order of the SEC, in respect of the Funds, the Trust will make delivery of in-kind redemption proceeds within the number of days stated in Appendix A to be the maximum number of days necessary to deliver redemption proceeds. If neither the redeeming Shareholder nor the Authorized Participant acting on behalf of such redeeming Shareholder has appropriate arrangements to take delivery of the Fund Securities in the applicable foreign jurisdiction and it is not possible to make other such arrangements, or if it is not possible to effect deliveries of the Fund Securities in such jurisdiction, the Trust may, in its discretion, exercise its option to redeem such Shares in cash, and the redeeming Shareholders will be required to receive its redemption proceeds in cash.

In addition, an investor may request a redemption in cash that a Fund may, in its sole discretion, permit. In either case, the investor will receive a cash payment equal to the NAV of its Shares based on the NAV of Shares of a Fund next determined after the redemption request is received in proper form (minus a redemption transaction fee and additional charge for requested cash redemptions specified above, to offset the Trust's brokerage and other transaction costs associated with the disposition of Fund Securities).

A Fund may also, in its sole discretion, upon request of a shareholder, provide such redeemer a portfolio of securities that differs from the exact composition of the Fund Securities but does not differ in net asset value

Redemptions of shares for Fund Securities will be subject to compliance with applicable federal and state securities laws and a Fund (whether or not it otherwise permits cash redemptions) reserves the right to redeem Creation Units for cash to the extent that the Trust could not lawfully deliver specific Fund Securities upon redemptions or could not do so without first registering the Fund Securities under such laws. An Authorized Participant or an investor for which it is acting subject to a legal restriction with respect to a particular security included in the Fund Securities applicable to the redemption of Creation Units may be paid an equivalent amount of cash. The Authorized Participant may request the redeeming investor of the Shares to complete an order form or to enter into agreements with respect to such matters as compensating cash payment. Further, an Authorized Participant that is not a "qualified institutional buyer" ("QIB"), as such term is defined under Rule 144A of the Securities Act, will not be able to receive Fund Securities that are restricted securities eligible for resale under Rule 144A. An Authorized Participant may be required by the Trust to provide a written confirmation with respect to QIB status in order to receive Fund Securities.

Because the portfolio securities of the Funds may trade on the relevant exchange(s) on days that the applicable Exchange is closed or are otherwise not Business Days for the Funds, shareholders may not be able to redeem their shares of a Fund, or to purchase or sell shares of a Fund on the Exchange, on days when the NAV of a Fund could be significantly affected by events in the relevant foreign markets.

The right of redemption may be suspended or the date of payment postponed with respect to the Funds (1) for any period during which the applicable Exchange is closed (other than customary weekend and holiday closings); (2) for any period during which trading on the Exchange is suspended or restricted; (3) for any period during which an emergency exists as a result of which disposal of the Shares of the Funds or determination of the NAV of the Shares is not reasonably practicable; or (4) in such other circumstance as is permitted by the SEC.

**Required Early Acceptance of Orders.** Notwithstanding the foregoing, as described in the Participant Agreement and/or applicable order form, a Fund may require orders to be placed up to one or more business days prior to the trade date, as described in the Participant Agreement or the applicable order form, in order to receive the trade date's net asset value. Orders to purchase Shares of a Fund that are submitted on the Business Day immediately preceding a holiday or a day (other than a weekend) that the equity markets in the relevant foreign market are closed will not be accepted. Authorized Participants may be notified that the cut-off time for an order may be earlier on a particular business day, as described in the Participant Agreement and the order form.

## **DETERMINATION OF NET ASSET VALUE**

Net asset value per Share for a Fund is computed by dividing the value of the net assets of the Fund (*i.e.*, the value of its total assets less total liabilities) by the total number of Shares outstanding, rounded to the nearest cent. Expenses and fees, including the management fees, are accrued daily and taken into account for purposes of determining net asset value. The net asset value of a Fund is calculated by the Custodian and determined at the close of the regular trading session on the NYSE (ordinarily 4:00 p.m. Eastern time) on each day that such exchange is open, provided that fixed-income assets may be valued as of the announced closing time for trading in fixed-income instruments on any day that the Securities Industry and Financial Markets Association ("SIFMA") announces an early closing time.

In calculating a Fund's net asset value per Share, the Fund's investments are generally valued using market valuations. A market valuation generally means a valuation (i) obtained from an exchange, a pricing service, or a major market maker (or dealer), (ii) based on a price quotation or other equivalent indication of value supplied by an exchange, a pricing service, or a major market maker (or dealer) or (iii) based on amortized cost. In the case of shares of other funds that are not traded on an exchange, a market valuation means such fund's published net asset value per share. The Adviser may use various pricing services, or discontinue the use of any pricing service, as approved by the Board from time to time. A price obtained from a pricing service based on such pricing service's valuation matrix may be considered a market valuation. Any assets or liabilities denominated in currencies other than the U.S. dollar are converted into U.S. dollars at the current market rates on the date of valuation as quoted by one or more sources.

In the event that current market valuations are not readily available or such valuations do not reflect current market value, the Trust's procedures require the Fair Value Committee to determine a security's fair value if a market price is not readily available. In determining such value the Fair Value Committee may consider, among other things, (i) price comparisons among multiple sources, (ii) a review of corporate actions and news events, and (iii) a review of relevant financial indicators (e.g., movement in interest rates, market indices, and prices from a Fund's index provider). In these cases, a Fund's net asset value may reflect certain portfolio securities' fair values rather than their market prices. Fair value pricing involves subjective judgments and it is possible that the fair value determination for a security is materially different than the value that could be realized upon the sale of the security. In addition, fair value pricing could result in a difference between the prices used to calculate a Fund's net asset value and the prices used by the Fund's Underlying Index. This may result in a difference between a Fund's performance and the performance of the Fund's Underlying Index. With respect to securities that are primarily listed on foreign exchanges, the value of a Fund's portfolio securities may change on days when you will not be able to purchase or sell your Shares.

## **DIVIDENDS AND DISTRIBUTIONS**

The following information supplements and should be read in conjunction with the section in the Prospectus entitled "Dividends, Distributions and Taxes."

**General Policies.** Dividends from net investment income, if any, are declared and paid quarterly by the Funds. Distributions of net realized securities gains, if any, generally are declared and paid once a year, but the Funds may make distributions on a more frequent basis for the Funds to improve index tracking or to comply with the distribution requirements of the Code, in all events in a manner consistent with the provisions of the 1940 Act.

Dividends and other distributions on shares are distributed, as described below, on a pro rata basis to Beneficial Owners of such shares. Dividend payments are made through DTC Participants and Indirect Participants to Beneficial Owners then of record with proceeds received from a Fund.

A Fund may make additional distributions to the extent necessary (i) to distribute the entire annual taxable income of the Fund, plus any net capital gains and (ii) to avoid imposition of the excise tax imposed by Section 4982 of the Code. Management of the Trust reserves the right to declare special dividends if, in its reasonable discretion, such action is necessary or advisable to preserve the status of the Fund as a regulated investment company ("RIC") or to avoid imposition of income or excise taxes on undistributed income.

**Dividend Reinvestment Service.** The Trust will not make the DTC book-entry dividend reinvestment service available for use by Beneficial Owners for reinvestment of their cash proceeds, but certain individual broker-dealers may make available the DTC book-entry Dividend Reinvestment Service for use by Beneficial Owners of a Fund through DTC Participants for reinvestment of their dividend distributions. Investors should contact their brokers to ascertain the availability and description of these services. Beneficial Owners should be aware that each broker may require investors to adhere to specific procedures and timetables in order to participate in the dividend reinvestment service and investors should ascertain from their brokers such necessary details. If this service is available and used, dividend distributions of both income and realized gains will be automatically reinvested in additional whole Shares issued by the Trust of a Fund at NAV per share. Distributions reinvested in additional shares of a Fund will nevertheless be taxable to Beneficial Owners acquiring such additional shares to the same extent as if such distributions had been received in cash.

## **FEDERAL INCOME TAXES**

The following is only a summary of certain additional federal income tax considerations generally affecting the Funds and their respective shareholders. No attempt is made to present a comprehensive explanation of the federal, state, local or foreign tax treatment of the Funds or their respective shareholders, and the discussion here and in the Prospectus is not intended to be a substitute for careful tax planning.

The following general discussion of certain federal income tax consequences is based on provisions of the Code and the regulations issued thereunder as in effect on the date of this SAI. New legislation, as well as administrative changes or court decisions, may significantly change the conclusions expressed herein, and may have a retroactive effect with respect to the transactions contemplated herein.

The recently enacted tax legislation commonly referred to as the Tax Cuts and Jobs Act (the "Tax Act") makes significant changes to the U.S. federal income tax rules for taxation of individuals and corporations, generally effective for taxable years beginning after December 31, 2017. Many of the changes applicable to individuals are temporary and would apply only to taxable years beginning after December 31, 2017 and before January 1, 2026. There are only minor changes with respect to the specific rules only applicable to a RIC, such as the Fund. The Tax Act, however, makes numerous other changes to the tax rules that may affect shareholders and the Fund. You are urged to consult with your own tax advisor regarding how the Tax Act affects your investment in the Fund.

Shareholders are urged to consult their own tax advisers regarding the application of the provisions of tax law described in this SAI in light of the particular tax situations of the shareholders and regarding specific questions as to federal, state, or local taxes.

**Regulated Investment Company (RIC) Status.** Each Fund will seek to qualify for treatment as a RIC under the Code. Provided that for each tax year the Fund: (i) meets the requirements to be treated as a RIC (as discussed below); and (ii) distributes at least an amount equal to the sum of 90% of the Fund's net investment income for such year (including, for this purpose, the excess of net realized short-term capital gains over net long-term capital losses) and 90% of its net tax-exempt interest income, the Fund itself will not be subject to federal income taxes to the extent the Fund's net investment income and the Fund's net realized capital gains, if any, are distributed to

the Fund's shareholders. One of several requirements for RIC qualification is that a Fund must receive at least 90% of the Fund's gross income each year from dividends, interest, payments with respect to certain securities loans, gains from the sale or other disposition of stock, securities or foreign currencies, or other income derived with respect to the Fund's business of investing in stock, securities, foreign currencies and net income from an interest in a qualified publicly traded partnership (the "90% Test"). A second requirement for qualification as a RIC is that a Fund must diversify its holdings so that, at the end of each quarter of the Fund's taxable year: (a) at least 50% of the market value of the Fund's total assets is represented by cash and cash items, U.S. government securities, securities of other RICs, and other securities, with these other securities limited, in respect to any one issuer, to an amount not greater than 5% of the value of the Fund's total assets or 10% of the outstanding voting securities of such issuer; and (b) not more than 25% of the value of its total assets are invested in the securities (other than U.S. government securities or securities of other RICs) of any one issuer, the securities (other than securities of other RICs) of two or more issuers which the Fund controls and which are engaged in the same, similar, or related trades or businesses, or the securities of one or more qualified publicly traded partnerships (the "Asset Test").

Under the Asset Test, a Fund generally may not acquire a security if, as a result of the acquisition, more than 50% of the value of the Fund's assets would be invested in (a) issuers in which the Fund has, in each case, invested more than 5% of the Fund's assets and (b) issuers more than 10% of whose outstanding voting securities are owned by the Fund. Because the Underlying Indexes have a relatively small number of constituents, the 5% limitation could affect the Funds' ability to effectively implement a replication strategy or a representative sampling strategy. As the Funds grow, the 10% limitation might also affect their ability to effectively implement a replication strategy or a representative sampling strategy.

If a Fund fails to satisfy the 90% Test or the Asset Test, the Fund may be eligible for relief provisions if the failures are due to reasonable cause and not willful neglect and if a penalty tax is paid with respect to each failure to satisfy the applicable requirements. Additionally, relief is provided for certain *de minimis* failures of the Asset Test. In order to qualify for relief provisions for a failure to meet the Asset Test, a Fund may be required to dispose of certain assets. If a Fund fails to qualify for treatment as a RIC for any year, and the relief provisions are not available, all of its taxable income will be subject to federal income tax at regular corporate rates (which the Tax Act reduced to 21%) without any deduction for distributions to shareholders. In such case, its shareholders would be taxed as if they received ordinary dividends, although the dividends could be eligible for the dividends received deduction for corporate shareholders and the dividends may be eligible for the lower tax rates available to non-corporate shareholders on qualified dividend income. To requalify for treatment as a RIC in a subsequent taxable year, a Fund would be required to satisfy the RIC qualification requirements for that year and to distribute any earnings and profits from any taxable year for which the Fund failed to qualify for tax treatment as a RIC. If a Fund failed to qualify as a RIC for a period greater than two taxable years, the Fund would generally be required to pay a Fund-level tax on any net built-in gains recognized with respect to certain of its assets upon a disposition of such assets within five years of qualifying as a RIC in a subsequent year. The Board reserves the right not to maintain the qualification of the Funds for treatment as a RIC if it determines such course of action to be beneficial to shareholders. If a Fund determines that it will not qualify for treatment as a RIC, the Fund will establish procedures to reflect the anticipated tax liability in the Fund's NAV.

A Fund may elect to treat part or all of any "qualified late year loss" as if it had been incurred in the succeeding taxable year in determining the Fund's taxable income, net capital gain, net short-term capital gain, and earnings and profits. A "qualified late year loss" generally includes net capital loss, net long-term capital loss, or net short-term capital loss incurred after October 31 of the current taxable year and certain other late-year losses.

If a Fund has a "net capital loss" (that is, capital losses in excess of capital gains) for a taxable year, the excess of the Fund's net short-term capital losses over its net long-term capital gains is treated as a short-term capital loss arising on the first day of the Fund's next taxable year, and the excess (if any) of the Fund's net long-term capital losses over its net short-term capital gains is treated as a long-term capital loss arising on the first day of the Fund's next taxable year.

Each Fund will generally be subject to a nondeductible 4% federal excise tax to the extent it fails to distribute by the end of any calendar year at least the sum of 98% of its ordinary income for the year, 98.2% of its capital gain net income for the one-year period ending on October 31 of that year, and certain other amounts. Each Fund intends to make sufficient distributions, or deemed distributions, to avoid imposition of the excise tax, but can make no assurances that all such tax liability will be eliminated.

Each Fund intends to distribute substantially all its net investment income and net realized capital gains to shareholders annually. The distribution of net investment income and net realized capital gains generally will be taxable to Fund shareholders regardless of whether the shareholder elects to receive these distributions in cash or in additional shares. However, a Fund may determine not to distribute, or determine to defer the distribution of, some portion of its income in non-routine circumstances. If a Fund retains for investment an amount equal to all or a portion of its net long-term capital gains in excess of its net short-term capital losses (including any capital loss carryovers), it will be subject to a corporate tax on the amount retained. In that event, a Fund will designate such retained amounts as undistributed capital gains in a notice to its shareholders who (a) will be required to include in income for U.S. federal income tax purposes, as long-term capital gains, their proportionate shares of the undistributed amount, (b) will be entitled to credit their proportionate shares of the income tax paid by the Fund on the undistributed amount against their U.S. federal income tax liabilities, if any, and to claim refunds to the extent their credits exceed their liabilities, if any, and (c) will be entitled to increase their tax basis, for U.S. federal income tax purposes, in their shares by an amount equal to the excess of the amount of undistributed net capital gain included in their respective income over their respective income tax credits. Organizations or persons not subject to U.S. federal income tax on such capital gains

will be entitled to a refund of their pro rata share of such taxes paid by a Fund upon timely filing appropriate returns or claims for refund with the Internal Revenue Service (the “IRS”).

A portion of the net investment income distributions of each Fund may be treated as qualified dividend income (which, for non-corporate shareholders, is generally eligible for taxation at reduced rates). The portion of distributions that a Fund may report as qualified dividend income is generally limited to the amount of qualified dividend income received by the Fund, but if for any Fund taxable year 95% or more of the Fund’s gross income (exclusive of net capital gain from sales of stocks and securities) consists of qualified dividend income, all distributions of such income for that taxable year may be reported as qualified dividend income. Qualified dividend income is, in general, dividend income from taxable domestic corporations and certain foreign corporations (*i.e.*, foreign corporations incorporated in a possession of the United States or in certain countries with a comprehensive tax treaty with the United States, and other foreign corporations if the stock with respect to which the dividend income is paid is readily tradable on an established securities market in the United States).

In order for some portion of the dividends received by a shareholder to be qualified dividend income, a Fund must meet holding period and other requirements with respect to the dividend paying stocks in its portfolio, and the shareholder must meet holding period and other requirements with respect to the Fund’s shares. Distributions reported to Fund shareholders as capital gain dividends will be taxable at the rates applicable to long-term capital gains (generally, at a maximum rate of 20% for non-corporate shareholders), regardless of how long the shareholder has owned the shares. A Fund’s shareholders will be notified annually by the Fund as to the federal tax status of all distributions made by the Fund. Distributions may be subject to state and local taxes.

U.S. individuals with income exceeding \$200,000 (\$250,000 if married and filing jointly) are subject to an additional 3.8% Medicare contribution tax on their “net investment income,” including interest, dividends, and capital gains (including capital gains realized on the sale or exchange of shares of a Fund). This 3.8% tax also applies to all or a portion of the undistributed net investment income of certain shareholders that are estates and trusts.

Shareholders who have held Fund shares for less than a full year should be aware that the Funds may report and distribute, as ordinary dividends or capital gain dividends, a percentage of income that is not equal to the percentage of a Fund’s total ordinary income or net capital gain, respectively, actually earned during the period of investment in a Fund.

If a Fund’s distributions for a taxable year exceed its taxable income and capital gains realized during a taxable year, all or a portion of the distributions made for the taxable year may be recharacterized as a return of capital to shareholders. A return of capital distribution will generally not be taxable, but will reduce each shareholder’s cost basis in a Fund and generally result in a higher reported capital gain or lower reported capital loss when those shares on which the distribution was received are sold.

A sale or exchange of shares in a Fund may give rise to a capital gain or loss. In general, any capital gain or loss realized upon a taxable disposition of shares will be treated as long-term capital gain or loss if the shares have been held for more than 12 months. Otherwise, the capital gain or loss on the taxable disposition of shares will be treated as short-term capital gain or loss. Any loss realized upon a taxable disposition of shares held for six months or less will be treated as long-term, rather than short-term, to the extent of any long-term capital gain distributions received (or deemed received) by the shareholder with respect to the shares. All or a portion of any loss realized upon a taxable disposition of shares will be disallowed if substantially identical shares are purchased (through reinvestment of dividends or otherwise) within 30 days before or after the disposition. In such a case, the basis of the newly purchased shares will be adjusted to reflect the disallowed loss.

An Authorized Participant who exchanges securities for Creation Units generally will recognize a gain or a loss. The gain or loss will be equal to the difference between the market value of the Creation Units at the time and the sum of the exchanger’s aggregate basis in the securities surrendered plus the amount of cash paid for such Creation Units. A person who redeems Creation Units will generally recognize a gain or loss equal to the difference between the exchanger’s basis in the Creation Units and the sum of the aggregate market value of any securities received plus the amount of any cash received for such Creation Units. The IRS, however, may assert that a loss realized upon an exchange of securities for Creation Units cannot be deducted currently under the rules governing “wash sales,” or on the basis that there has been no significant change in economic position.

Any capital gain or loss realized upon the creation of Creation Units will generally be treated as long-term capital gain or loss if the securities exchanged for such Creation Units have been held for more than one year. Any capital gain or loss realized upon the redemption of Creation Units will generally be treated as long-term capital gain or loss if the shares comprising the Creation Units have been held for more than one year. Otherwise, such capital gains or losses will be treated as short-term capital gains or losses.

The Trust on behalf of the Funds has the right to reject an order for a purchase of shares of the Trust if the purchaser (or group of purchasers) would, upon obtaining the shares so ordered, own 80% or more of the outstanding shares of a Fund and if, pursuant to Section 351 of the Code, a Fund would have a basis in the securities different from the market value of such securities on the date of deposit. The Trust also has the right to require information necessary to determine beneficial share ownership for purposes of the 80% determination. The Trust reserves the absolute right to reject an order for Creation Units if acceptance of the securities to be exchanged for the Creation Units would have certain adverse tax consequences to a Fund.

Persons purchasing or redeeming Creation Units should consult their own tax advisors with respect to the tax treatment of any creation or redemption transaction.

**Foreign Investments.** Income received by a Fund from sources within foreign countries (including, for example, dividends or interest on stock or securities of non-U.S. issuers) may be subject to withholding and other taxes imposed by such countries. Tax treaties between such countries and the U.S. may reduce or eliminate such taxes in some cases. If as of the end of a Fund's taxable year more than 50% of the value of the Fund's assets consist of the securities of foreign corporations, the Fund may elect to permit shareholders who are U.S. citizens, resident aliens, or U.S. corporations to claim a foreign tax credit or deduction (but not both) on their income tax returns for their pro rata portions of qualified taxes paid by the Fund during that taxable year to foreign countries in respect of foreign securities the Fund has held for at least the minimum period specified in the Code. In such a case, shareholders will include in gross income from foreign sources their pro rata shares of such taxes. A shareholder's ability to claim a foreign tax credit or deduction in respect of foreign taxes paid by a Fund may be subject to certain limitations imposed by the Code, which may result in the shareholder not getting a full credit or deduction for the amount of such taxes. Shareholders who do not itemize deductions on their federal income tax returns may claim a credit, but not a deduction, for such foreign taxes.

**Foreign Currency Transactions.** Under the Code, gains or losses attributable to fluctuations in exchange rates which occur between the time a Fund accrues income or other receivables or accrues expenses or other liabilities denominated in a foreign currency and the time the Fund actually collects such income or receivables or pays such expenses or liabilities generally are treated as ordinary income or loss. Similarly, on the disposition of debt securities denominated in a foreign currency and on the disposition of certain other instruments, gains or losses attributable to fluctuations in the value of the foreign currency between the date of acquisition of the security or contract and the date of disposition are also treated as ordinary gain or loss. The gains and losses may increase or decrease the amount of a Fund's income to be distributed to its shareholders as ordinary income.

**Options, Swaps and Other Complex Securities.** The Funds may invest in complex securities such as equity options, index options, repurchase agreements, foreign currency contracts, hedges and swaps, transactions treated as straddles for U.S. federal income tax purposes, and futures contracts. These investments may be subject to numerous special and complex tax rules. These rules could affect whether gains and losses recognized by a Fund are treated as ordinary income or capital gain, accelerate the recognition of income to the Fund, cause income or gain to be recognized even though corresponding cash is not received by the Fund, and/or defer the Fund's ability to recognize losses. In turn, those rules may affect the amount, timing or character of the income distributed by a Fund.

With respect to any investments in zero coupon securities which are sold at original issue discount and thus do not make periodic cash interest payments, a Fund may be required to include as part of its current income the imputed interest on such obligations even though the Fund may not have received any interest payments on such obligations during that period. Because a Fund is required to distribute all of its net investment income to its shareholders, the Fund may have to sell Fund securities to distribute such imputed income. Those sales may occur at a time when the Advisor would not otherwise have chosen to sell such securities and will generally result in taxable gain or loss.

**Back-Up Withholding.** The Funds or your broker will be required to withhold (as "backup withholding") on taxable dividends paid to any shareholder, as well as the proceeds of any redemptions of Creation Units, paid to a shareholder or Authorized Participant who (1) fails to provide a correct taxpayer identification number certified under penalty of perjury; (2) is subject to withholding by the IRS for failure to properly report all payments of interest or dividends; (3) fails to provide a certified statement that he or she is not subject to "backup withholding;" or (4) fails to provide a certified statement that he or she is a U.S. person (including a U.S. resident alien). The backup withholding rate is currently 24%. Backup withholding is not an additional tax and any amounts withheld may be credited against the shareholder's ultimate U.S. tax liability.

**Foreign Shareholders.** Foreign shareholders (*i.e.*, nonresident alien individuals and foreign corporations, partnerships, trusts and estates) are generally subject to U.S. withholding tax at the rate of 30% (or a lower tax treaty rate) on distributions derived from net investment income and short-term capital gains. Gains from the sale or other disposition of shares of the Funds generally are not subject to U.S. taxation, unless the recipient is an individual who either (1) meets the Code's definition of "resident alien" or (2) is physically present in the U.S. for 183 days or more per year. Different tax consequences may result if the foreign shareholder is engaged in a trade or business within the United States. In addition, the tax consequences to a foreign shareholder entitled to claim the benefits of a tax treaty may be different than those described above.

Ordinary dividends paid after June 30, 2014 (or in certain cases, after later dates) to a shareholder that is a "foreign financial institution" as defined in Section 1471 of the Code and that does not meet the requirements imposed on foreign financial institutions by Section 1471 will generally be subject to withholding tax at a 30% rate. Under current IRS guidance, withholding on such payments will begin at different times depending on the type of payment, the type of payee, and whether the shareholder's account is opened before or after July 1, 2014. Withholding with respect to ordinary dividends began on July 1, 2014 for accounts opened on or after that date and on certain later dates for accounts opened before July 1, 2014. The extent, if any, to which such withholding tax may be reduced or eliminated by an applicable tax treaty is unclear. A non-U.S. shareholder may be exempt from the withholding described in this paragraph under an applicable intergovernmental agreement between the U.S. and a foreign government, provided that the shareholder and the applicable foreign government comply with the terms of such agreement.

In order for a foreign investor to qualify for an exemption from backup withholding, the foreign investor must comply with special certification and filing requirements. Foreign investors in the Funds should consult their tax advisors in this regard.

**Tax Shelter Reporting Regulations.** Under U.S. Treasury regulations, if a shareholder recognizes a loss of \$2 million or more for an individual shareholder or \$10 million or more for a corporate shareholder, the shareholder must file with the IRS a disclosure statement on Form 8886. Direct shareholders of portfolio securities are in many cases excepted from this reporting requirement, but under current guidance shareholders of a RIC are not excepted. The fact that a loss is reportable under these regulations does not affect the legal determination of whether the taxpayer's treatment of the loss is proper. Shareholders should consult their tax advisors to determine the applicability of these regulations in light of their individual circumstances.

**Other Issues.** The Funds may be subject to tax or taxes in certain states where the Funds do business. Furthermore, in those states which have income tax laws, the tax treatment of the Funds and of Fund shareholders with respect to distributions by the Funds may differ from federal tax treatment.

Shareholders are advised to consult their tax advisors concerning their specific situations and the application of state, local and foreign taxes.

As of September 30, 2019, the Funds listed below had accumulated capital loss carryovers of:

	Capital Loss Carryforward Short Term	Capital Loss Carryforward Long Term	Expires
<b>Mobile Payments ETF</b>	\$(3,677,255)	\$(7,011,361)	Indefinite
<b>Cyber Security ETF</b>	\$(117,867,305)	\$(96,756,036)	Indefinite
<b>Junior Silver ETF</b>	\$(13,259,745)	\$(14,134,394)	Indefinite
<b>Drone Economy ETF</b>	\$(662,548)	\$(3,634,436)	Indefinite
<b>Video Game Tech ETF</b>	\$(8,192,239)	\$(7,151,997)	Indefinite

## FINANCIAL STATEMENTS

The annual report for the Funds for the fiscal period ended September 30, 2019 is a separate document and the financial statements and accompanying notes appearing therein are incorporated by reference into this SAI. You may request a copy of the Funds' Annual Report at no charge by calling 1-844-383-6477 or through the Funds' website at [www.etfmg.com](http://www.etfmg.com).



## Appendix A

The Funds generally intend to effect deliveries of Creation Units and portfolio securities on a basis of “T” plus two business days. The Funds may effect deliveries of Creation Units and portfolio securities on a basis other than T plus two to accommodate local holiday schedules, to account for different treatment among foreign and U.S. markets of dividend record dates and ex-dividend dates, or under certain other circumstances. The ability of the Trust to effect in-kind creations and redemptions within two business days of receipt of an order in good form is subject, among other things, to the condition that, within the time period from the date of the order to the date of delivery of the securities, there are no days that are holidays in the applicable foreign market. For every occurrence of one or more intervening holidays in the applicable foreign market that are not holidays observed in the U.S. equity market, the redemption settlement cycle will be extended by the number of such intervening holidays. In addition to holidays, other unforeseeable closings in a foreign market due to emergencies may also prevent the Trust from delivering securities within the normal settlement period.

The holidays applicable to the Funds during such periods are listed below. Although certain holidays may occur on different dates in subsequent years, the number of days required to deliver redemption proceeds in any given year is not expected to exceed seven days. The proclamation of new holidays, the treatment by market participants of certain days as “informal holidays” (e.g., days on which no or limited securities transactions occur, as a result of substantially shortened trading hours), the elimination of existing holidays, or changes in local securities delivery practices, could affect the information set forth herein at some time in the future. Because the portfolio securities of the Funds may trade on days that the Funds’ Exchanges are closed or on days that are not business Days for the Funds, Authorized Participants may not be able to redeem their shares of the Funds, or to purchase and sell shares of the Funds on the applicable Exchange, on days when the NAV of the Funds could be significantly affected by events in the relevant non-U.S. markets, including Saturdays, Sundays, the U.S. holidays listed below, and any other time the applicable Exchange is closed.

The dates of the Regular Holidays in the United States in calendar year 2020 are:

New Year’s Day	Wednesday, January 1
Martin Luther King, Jr. Day	Monday, January 20
Washington’s Birthday (Presidents’ Day)	Monday, February 17
Good Friday	Friday, April 10
Memorial Day	Monday, May 25
Independence Day	Friday, July 3 (July 4 holiday observed)
Labor Day	Monday, September 7
Thanksgiving Day	Thursday, November 26*
Christmas Day	Friday, December 25**

\*The NYSE, NYSE AMEX and NASDAQ will close early at 1:00 p.m. Eastern time on Friday, November 27, 2020 (the day after Thanksgiving).

\*\*\*The NYSE, NYSE AMEX and NASDAQ will close early at 1:00 p.m. Eastern time on Thursday, December 24, 2020 (Christmas Eve).

The dates of the Regular Holidays in calendar year 2020 are:

### AUSTRALIA

January 1	April 10	April 13	December 25
January 26	April 11	April 25	December 26
January 27	April 12	April 27	December 28

### AUSTRIA

January 1	June 1	December 31
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April 10	October 26
April 13	December 24
May 1	December 25

BELGIUM

January 1	May 1	June 1	November 1
April 12	May 21	July 21	November 11
April 13	May 31	August 15	December 25

BRAZIL

January 1	April 21	September 7	November 15
February 25	May 1	October 12	December 25
April 10	June 11	November 2	

CANADA

January 1	May 18	September 7	December 25
April 10	July 1	October 12	
April 13	August 3	November 11	

CHILE

January 1	May 21	September 18	November 1
April 10	June 29	September 19	November 2
April 11	July 16	October 12	December 8
May 1	August 15	October 31	December 25

COLOMBIA

January 1	May 1	July 20	November 16
January 6	May 25	August 7	December 8
March 19	June 15	August 17	December 25
April 9	June 22	October 12	
April 10	June 29	November 2	

DENMARK

January 1	April 12	May 21	December 24
April 9	April 13	May 31	December 25
April 10	May 8	June 1	December 26

FINLAND

January 1	May 1	November 1
January 6	May 21	December 6
April 10	June 19	December 24

FRANCE

January 1	May 21	November 1
April 13	June 1	November 11
May 1	July 14	December 25
May 8	August 15	

GERMANY

January 1	May 1	October 3
April 10	May 21	December 25
April 13	June 1	December 26

GREECE

January 1	April 10	May 1	December 25
January 6	April 13	June 8	December 31
March 2	April 17	October 28	
March 25	April 20	December 24	

HONG KONG

January 1	April 30	October 2
January 27	May 1	October 26
January 28	June 25	December 25
April 10	July 1	
April 13	October 1	

HUNGARY

January 1	April 13	August 20	December 25
March 15	May 1	August 21	December 26
April 10	May 31	October 23	
April 12	June 1	November 1	

INDIA

January 26	April 14	August 15	October 29
February 21	May 7	August 29	November 14
April 6	July 31	October 2	November 30
April 10	August 12	October 25	December 25

INDONESIA

January 1	May 1	June 1	December 25
January 25	May 7	July 31	

March 22	May 21	August 17	
March 25	May 24	August 20	
April 10	May 26	October 29	
IRELAND			
January 1	May 4	October 26	December 28
March 17	June 1	December 25	
April 13	August 3	December 26	
ISRAEL			
March 10	April 16	July 30	September 28
March 11	April 29	August 19	October 3
April 4	May 8	August 20	October 10
April 9	May 29	September 19	October 11
April 15	May 31	September 20	
ITALY			
January 1	April 25	August 15	December 25
January 6	May 1	November 1	December 26
April 13	June 2	December 8	
JAPAN			
January 1	May 3	August 11	November 23
January 13	May 4	September 21	December 23
February 11	May 5	September 22	
March 20	May 6	October 12	
April 29	July 20	November 3	
MALAYSIA			
January 25	May 7	July 31	September 16
January 26	May 24	August 20	October 29
January 27	May 25	August 31	December 25
May 1	May 26	September 9	
MEXICO			
January 1	April 9	September 16	November 16
February 3	April 10	October 12	November 20
March 16	May 1	November 2	December 25
NETHERLANDS			
January 1	April 27	May 31	December 26
April 12	May 5	June 1	
April 13	May 21	December 25	

NORWAY

January 1	April 13	May 21	December 26
April 9	May 1	June 1	
April 10	May 17	December 25	

PERU

January 1	June 29	August 30	December 25
April 9	July 27	October 8	
April 10	July 28	November 1	
May 1	July 29	December 8	

PHILIPPINES

January 1	May 1	August 31	December 25
January 25	May 24	November 1	December 30
April 9	June 12	November 30	December 31
April 10	July 31	December 8	
April 11	August 21	December 24	

POLAND

January 1	May 1	August 15	December 26
January 6	May 3	November 1	
April 12	May 31	November 11	
April 13	June 11	December 25	

PORTUGAL

January 1	May 1	December 31	
April 10	December 24		
April 13	December 25		

RUSSIA

January 1	January 7	May 1	May 12
January 2	February 23	May 4	November 4
January 3	February 24	May 9	
January 6	March 9	May 11	

SINGAPORE

January 1	May 1	August 9	October 28
February 5	May 19	August 11	December 25
February 6	May 20	August 12	
April 19	June 5	October 27	

SOUTH AFRICA

January 1	April 27	September 24	
March 21	May 1	December 16	

April 10	June 16	December 25	
April 13	August 9	December 26	
SOUTH KOREA			
January 1	May 1	October 2	
January 24	May 5	October 9	
January 27	September 30	December 25	
April 30	October 1	December 31	
SPAIN			
January 1	May 1	November 1	December 25
January 6	August 15	December 6	
April 19	October 12	December 8	
SWEDEN			
January 1	April 13	June 6	December 24
January 6	May 1	June 19	December 25
April 10	May 21	June 20	December 26
April 12	May 31	November 1	December 31
SWITZERLAND			
January 1	May 21	August 1	December 26
April 10	May 31	September 20	
April 13	June 1	December 25	
TAIWAN			
January 1	January 29	May 1	October 10
January 24	February 28	June 25	
January 27	April 3	October 1	
January 28	April 4	October 9	
THAILAND			
January 1	April 13	May 21	October 23
January 2	April 14	July 5	December 7
January 25	April 15	July 28	December 10
March 9	May 1	August 12	December 31
April 6	May 7	October 13	
TURKEY			
January 1	May 24	July 15	August 3
April 23	May 25	July 31	August 30
May 1	May 26	August 1	October 29
May 19	May 27	August 2	

UNITED KINGDOM

January 1

April 10

May 4

May 25

August 31

December 25

December 26

December 28

In the calendar year 2020, the dates of regular holidays affecting the following securities markets present the worst-case redemption cycle for each Fund as below. These worst-case redemption cycles are based on information regarding regular holidays, which may be out of date. Based on changes in holidays, longer (worse) redemption cycles are possible.

SETTLEMENT PERIODS GREATER THAN SEVEN DAYS FOR YEAR 2020

	<u>Beginning of Settlement Period</u>	<u>End of Settlement Period</u>	<u>Number of Days in Settlement Period</u>
Australia	4/6/2020	4/14/2020	8
	4/7/2020	4/15/2020	8
	4/8/2020	4/16/2020	8
	4/9/2020	4/17/2020	8
	12/21/2020	12/29/2020	8
	12/22/2020	12/30/2020	8
	12/23/2020	12/31/2020	8
	12/24/2020	1/2/2021	11
Israel	3/3/2020	3/12/2020	9
	3/4/2020	3/16/2020	12
	3/5/2020	3/17/2020	12
	3/9/2020	3/18/2020	9
	4/2/2020	4/13/2020	11
	4/6/2020	4/14/2020	8
	4/7/2020	4/20/2020	13
	4/8/2020	4/21/2020	13
Japan	1/10/2020	1/20/2020	9
	4/28/2020	5/7/2020	8
	4/29/2020	5/8/2020	8
	4/30/2020	5/11/2020	10
	5/1/2020	5/12/2020	11
Mexico	1/31/2020	2/11/2020	10
	4/3/2020	4/13/2020	10
	4/6/2020	4/14/2020	8
	4/7/2020	4/15/2020	8
	4/8/2020	4/16/2020	8
Peru	7/24/2020	8/3/2020	9
Russia	1/2/2020	1/14/2020	12
	1/3/2020	1/14/2020	11
	1/6/2020	1/14/2020	8
Spain	1/2/2020	1/15/2020	13
	1/3/2020	1/16/2020	12
	1/3/2020	5/4/2020	12



	Beginning of Settlement Period	End of Settlement Period	Number of Days in Settlement Period
	4/22/2020	5/5/2020	11
	4/23/2020	5/6/2020	11
	4/24/2020	5/7/2020	11
	4/27/2020	5/8/2020	9
	4/28/2020	5/11/2020	9
	4/29/2020	5/12/2020	11
	4/30/2020	10/13/2020	11
	10/1/2020	10/14/2020	11
	10/2/2020	10/15/2020	11
	10/5/2020	10/16/2020	9
	10/6/2020	10/19/2020	9
	10/7/2020	10/20/2020	11
	10/8/2020	10/21/2020	11
	10/9/2020	12/9/2020	11
	11/27/2020	12/10/2020	11
	11/30/2020	12/11/2020	9
	12/1/2020	12/14/2020	9
	12/2/2020	12/15/2020	9
	12/3/2020	12/16/2020	9
	12/4/2020	12/17/2020	9
	12/7/2020	12/28/2020	9
	12/16/2020	12/29/2020	11
	12/17/2020	12/30/2020	11
	12/18/2020	12/31/2020	11
	12/21/2020	1/4/2021	10
	12/22/2020	1/5/2021	12
	12/23/2020	1/6/2021	12
	12/24/2020	1/15/2021	12
Switzerland	4/3/2020	4/15/2020	11
	4/6/2020	4/16/2020	9
	4/7/2020	4/17/2020	9
	4/8/2020	4/20/2020	11
	4/9/2020	4/21/2020	11