# First Trust Cloud Computing UCITS ETF ("FSKY") The Next Step in Innovation

ASCOFIND FORUM – 9 May 2019

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### First Trust Firm Profile

First Trust Global Portfolios Limited was established in December 2011 as a UK based distributor, advisor and affiliate of First Trust Advisors L.P. and First Trust Portfolios L.P. (collectively "First Trust"). First Trust Global Portfolios Limited markets a range of U.S. Registered First Trust ETFs and UCITS established within an affiliated Irish domiciled UCITS Company, First Trust Global Funds plc. The US ETFs have been notified to the UK, Luxembourg, the Netherlands and Ireland and are marketed under Article 42 of the EU Alternative Investment Fund Management Directive. First Trust Advisors L.P. is the investment manager of the UCITS. The UCITS have been passported to a number of European jurisdictions including the UK.

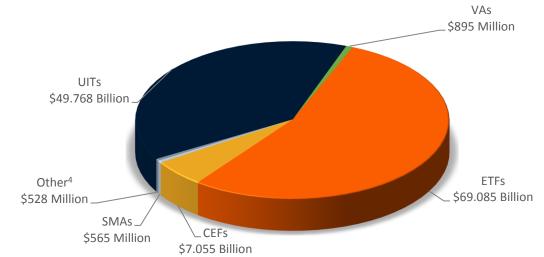
### First Trust Advisors L.P./First Trust Portfolios L.P. (FTA/FTP)

- Established in 1991; privately owned
- Over 700 employees
- Offices in Wheaton, IL, and Austin, TX
- Over 250 First Trust Wholesalers

### Investment Options offered by FTA/FTP 1:

- Unit Investment Trusts (FTP)<sup>2</sup>
- Exchange-traded funds
- Variable Annuities
- Separately Managed Accounts
- Closed-end funds
- Mutual funds
- Collective Investment Trusts





<sup>&</sup>lt;sup>1</sup> Some products may not be available to non-US investors.

<sup>&</sup>lt;sup>2</sup>Where FTA acts as Portfolio Supervisor to FTP sponsored UITs. First Trust is a long-term, strategic investor. FTA are specialists in the investment management industry, with experience in fundamental and quantitative strategies.

<sup>&</sup>lt;sup>3</sup> Includes \$49.768 billion for which First Trust Advisors L.P. serves as supervisor for unit investment trusts sponsored by First Trust Portfolios L.P. ETF figure includes US, European and Canadian ETFs.

<sup>&</sup>lt;sup>4</sup> Includes U.S. Mutual Funds, Canadian Funds, Collective Trust Funds and UCITS Open-Ended Funds.



# Dow Jones Internet Composite Index<sup>SM</sup> (the "Index"): A Case Study in Thematic Investing

- Power of Thematic Investing Breaking Sectoral and Geographic Boundaries
- Unique Selling Point (USP) of Internet Index NOT just a Tech Index

Company	GICS® Sector (September 2018)
Facebook	Information Technology
Amazon	Consumer Discretionary
Netflix	Consumer Discretionary
Google (Alphabet)	Information Technology

Company	GICS® Sector (December 2018)
Facebook	Communication Services
Amazon	Consumer Discretionary
Netflix	Communication Services
Google (Alphabet)	Communication Services

Source: First Trust. References to companies above should not be construed as a recommendation to buy or sell and should not be assumed profitable.

### Dow Jones Internet Composite Index<sup>SM</sup> – 20 Years (December 1998 – December 2018)

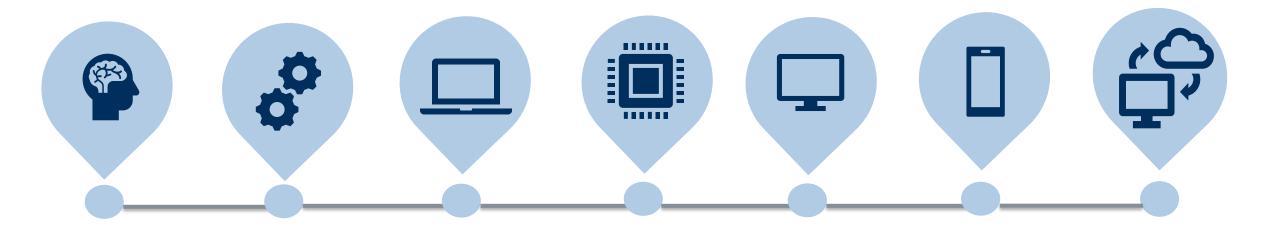
Name	Price Change	Total Return	Difference	Annual Return
Dow Jones Internet Composite Index <sup>1</sup>	249.45%	257.24	-	6.57%
MSCI AC World Index	66.73%	169.63%	-87.61%	5.08%
S&P 500 Index	103.94%	198.29%	-58.95%	5.61%
S&P Composite 1500 Information Technology (Sector) Total Return Index	203.42%	203.42%	53.82%	5.70%
S&P Composite 1500 Consumer Discretionary (Sector) Total Return Index	298.73%	298.73%	41.49%	7.16%

### Dow Jones Internet Composite Index<sup>SM</sup> – 10 Years (December 2008 – December 2018)

Name	Price Change	Total Return	Difference	Annual Return
Dow Jones Internet Composite Index <sup>1</sup>	762.78%	780.43%	-	24.28%
MSCI AC World Index	100.13%	161.40%	-619.03%	10.08%
S&P 500 Index	177.54%	242.75%	-537.68%	13.10%
S&P Composite 1500 Information Technology (Sector) Total Return Index	431.01%	431.01%	349.42%	18.16%
S&P Composite 1500 Consumer Discretionary (Sector) Total Return Index	426.62%	426.62%	-353.81%	18.06%

Source: Bloomberg, as at 31 December 2018. Past performance is not a reliable indicator of future results. Please see end of presentation for definitions.

# A Legacy of Innovation: A History of Computing



1800s Ada Lovelace Charles Babbage 1930s
Alan Turing
"The Turing Machine"

1940s Mark 1 Mark 2 ENIAC 1950s/1960s

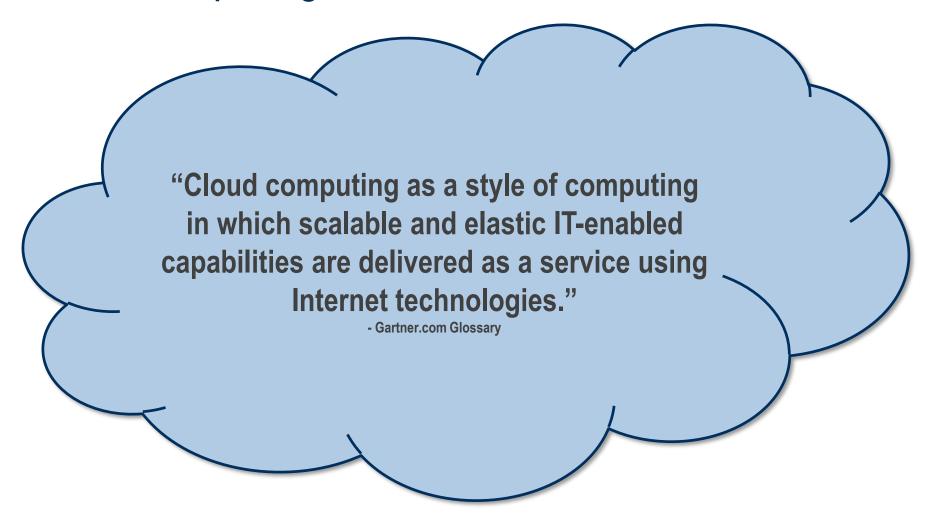
Bob Noyce

"Mayor of Silicon Valley"

Hewlett Packard

1970s/80s Steve Jobs Steve Wozniak Bill Gates 2000s Internet iOS Android Today & Beyond

# What is Cloud Computing?



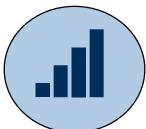
# What is Cloud Computing?

- Method of providing a set of shared computing resources that includes applications, computing, storage, networking, development, and deployment platforms as well as business processes.
- Seeks to turn traditional siloed computing assets into shared pools of resources based on an underlying internet foundation.



### SOFTWARE AS A SERVICE - SaaS

Delivering software applications over the internet Email – Online Storage & Access – CRM



#### PLATFORM AS A SERVICE - PaaS

Allows for creation of web applications efficiently without buying & maintaining software and infrastructure Databases – Webservers – Applications



### INFRASTRUCTURE AS A SERVICE – laaS

Delivering Cloud Computing Infrastructure Servers – Storage – Network - Firewalls – IP Addresses

Source: First Trust.

# What is Cloud Computing: Types of Clouds



### **PUBLIC**

Operated by 3<sup>rd</sup> party cloud service provider
Off Premises Provider – General Public – Servers - Storage



### **PRIVATE**

Resources used exclusively by single business or organization
On or Off Premises – Used By Various Business Units – Secure As Not Shared Across Organizations

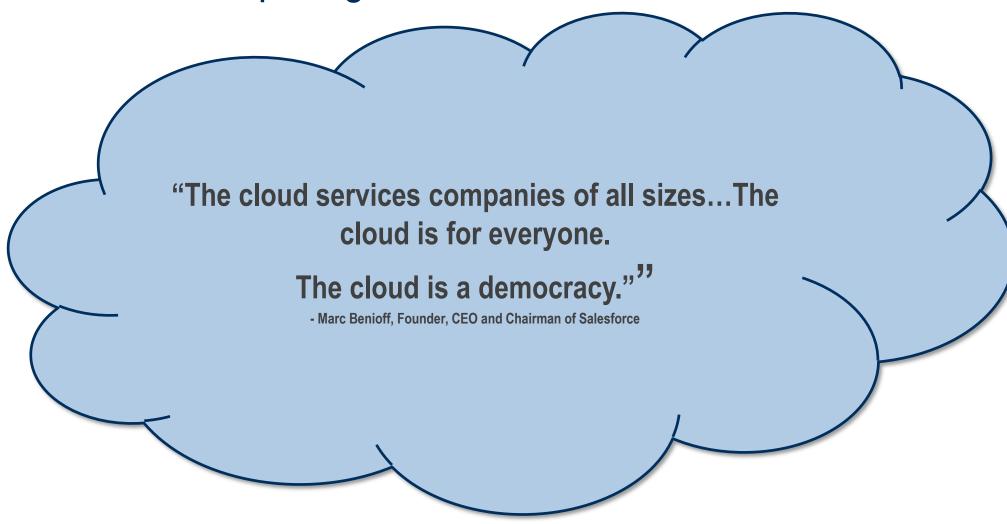


### **HYBRID**

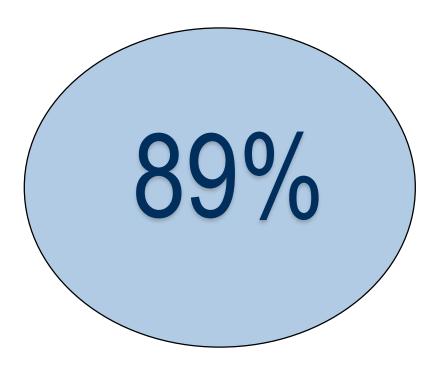
Combining Public & Private Clouds
On or Off Premises – Determined By Each Cloud - Greater Sharing Of Data & Applications

Source: First Trust.

What is Cloud Computing?



### Who Uses the Cloud?



Companies Already Using Cloud Based Software

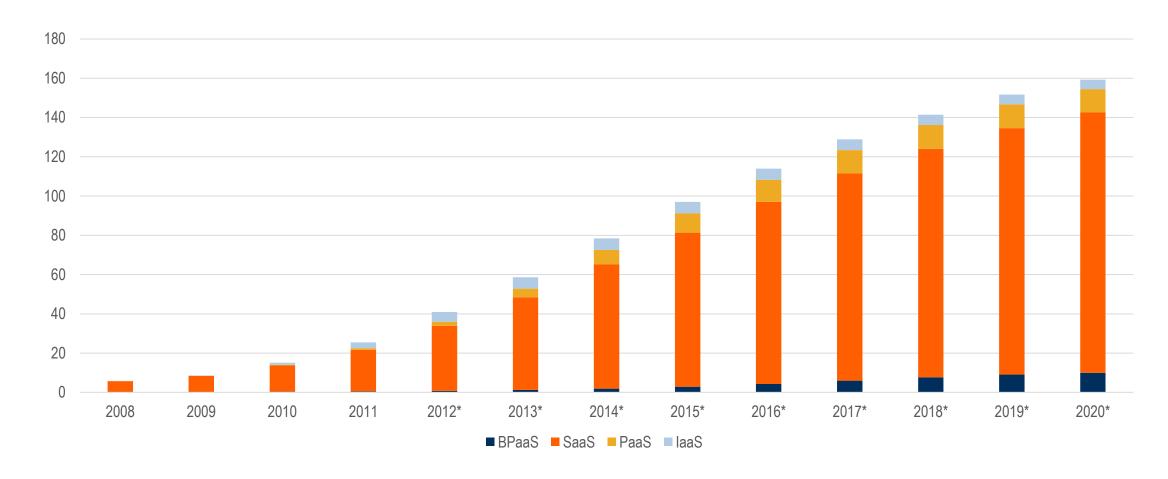


Source: IDG 2018 Cloud Computing Executive Survey.



### Past Growth & Forecasts

### Forecast: Global Public Cloud Market Size (in billions)

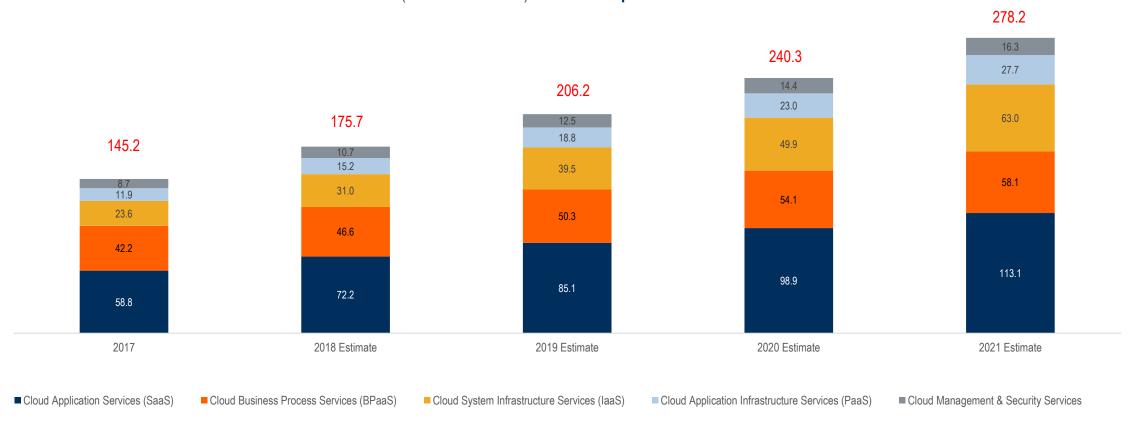


Source: Forrester, as at April 2011 - Sizing The Cloud. \*Estimate. These predictions are not intended to imply or guarantee future performance and there is no assurance that the projections will be realized.



# **Growth & Forecasts Change**

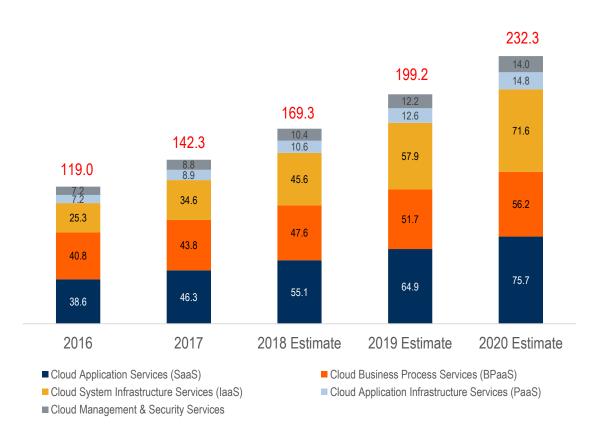
Worldwide Public Cloud Service Revenues Forecast (US Dollar Billions) - **Gartner September 2018** 



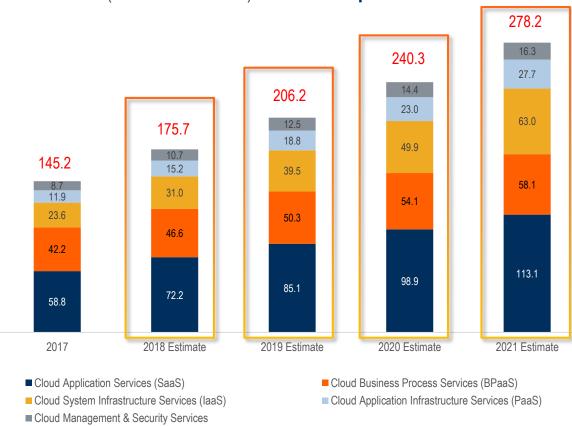
Source: Gartner. These predictions are not intended to imply or guarantee future performance and there is no assurance that the projections will be realized.

# Growth and Forecasts Change Again

Worldwide Public Cloud Service Revenues & Forecasts (US Dollar Billions) - **Gartner February 2017** 



Worldwide Public Cloud Service Revenues Forecast (US Dollar Billions) - **Gartner September 2018** 



Source: Gartner. These predictions are not intended to imply or guarantee future performance and there is no assurance that the projections will be realized.

# The Future of Cloud Computing –The Forecast Looks Bright

### Growth Estimates

21.9% five year compound annual growth rate (CAGR) between 2016 and 2021

### Public Market Size Projection

\$58.6 billion in 2009 and estimated to grow to \$278.3 billion by 2021<sup>2</sup>

### Public Revenues Forecast

\$145.2 billion in 2017 and \$278.2 billion forecast for 2021<sup>3</sup>

### Average Cloud Investment Change

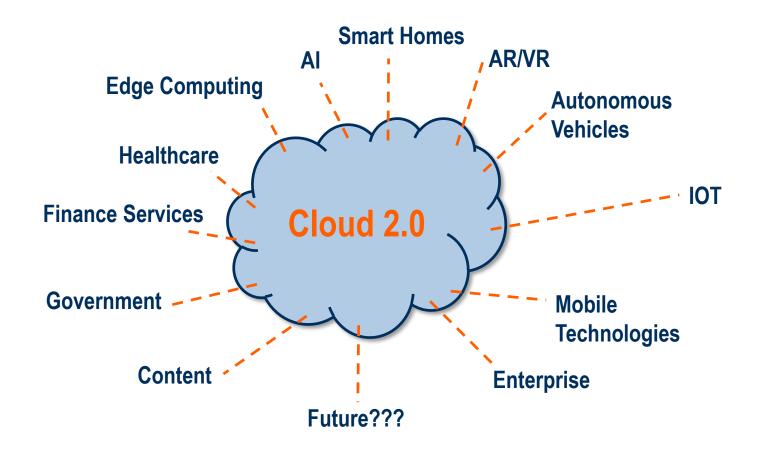
36% From 2016 – 2018<sup>4</sup>

### Average Corporate Cloud Technology

\$2.2M Budget 2018<sup>4</sup>

Source: ¹IDC.com, ²Statista, ³Gartner.com, ⁴IDG 2018 Cloud Computing Executive Survey. These predictions are not intended to imply or guarantee future performance and there is no assurance that the projections will be realized.

# The Future of Cloud Computing – Cloud 2.0 – Industries Connected



The economic value of IOT has, if anything been underestimated; McKinsey Global Institute "looked at more than 150 specific IoT applications that exist today or could be in widespread use within 10 years and estimate that they could have a total economic impact of \$3.9 trillion to \$11.1 trillion per year in 2025"

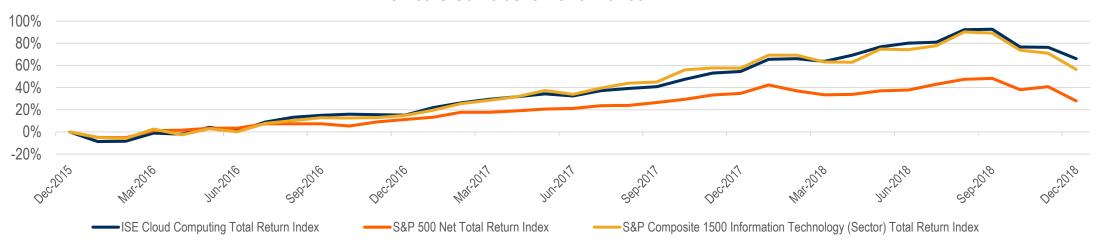
McKinsey Institute

Source: First Trust.



# Cloud 1.0 – Phase 1: High Beta? Alpha.

### 3 Years Cumulative Performance

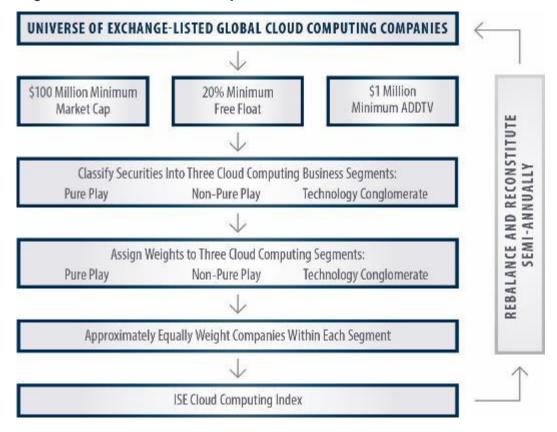


Statistics	ISE Cloud Computing Total Return Index	S&P 500 Net Total Return Index	S&P Composite 1500 Information Technology (Sector) Total Return Index
Annualised Performance	18.41%	8.58%	16.06%
Annualised Standard Deviation	13.70%	10.95%	15.06%
Sharpe Ratio	1.23	0.77	1.00
Alpha	8.61%	-	5.76%
Beta	0.98	-	1.10
Correlation	0.79	-	0.80

Source: Bloomberg, as at 31 December 2018. The information is for illustrative purposes only and is not indicative of a Fund or Strategy. Past performance is no guarantee of future results. Please see end of presentation for definitions.

# The ISE Cloud Computing Index Methodology

- The index is a modified market capitalization weighted index designed to track the performance of companies actively involved in the cloud computing industry.
- To be included in the index, a security must be engaged in a business activity supporting or utilizing the cloud computing space, listed on an index-eligible global stock exchange and have a market capitalization of at least \$100 million.



Source: First Trust

# First Trust Cloud Computing UCITS ETF ("FSKY")

### **KEY FUND INFORMATION**

Fund Ticker	FSKY LN, SKYU LN, SKYE NA
Exchange Listing	LSE, LSE, Euronext Amsterdam
ISIN Code	IE00BFD2H405
Fund Inception Date	27 December 2018
TER	0.60%
Tracking Index Name	ISE Cloud Computing Index <sup>™</sup>
Income Treatment	Accumulation
Fund Base Currency	USD

Source: First Trust.



# FSKY Holdings (Largest to Smallest by Weight)

PURE PLAYS	GICS SECTOR
Zynga Inc.	Communication Services
VMware, Inc.	Information Technology
Facebook, Inc. (Class A)	Communication Services
Netflix, Inc.	Communication Services
SAP SE (ADR)	Information Technology
Teradata Corporation	Information Technology
Alphabet Inc. (Class A)	Communication Services
Cisco Systems, Inc.	Information Technology
Equinix, Inc.	Real Estate
salesforce.com, inc.	Information Technology
Akamai Technologies, Inc.	Information Technology
Amazon.com, Inc.	Consumer Discretionary
Oracle Corporation	Information Technology
NetApp, Inc.	Information Technology
Open Text Corporation	Information Technology
Juniper Networks, Inc.	Information Technology
F5 Networks, Inc.	Information Technology

FOUR TECH COMGLOMERATES	GICS SECTOR
Microsoft Corporation	Information Technology
Apple Inc.	Information Technology
International Business Machines Corporation	Information Technology
Hewlett Packard Enterprise Company	Information Technology

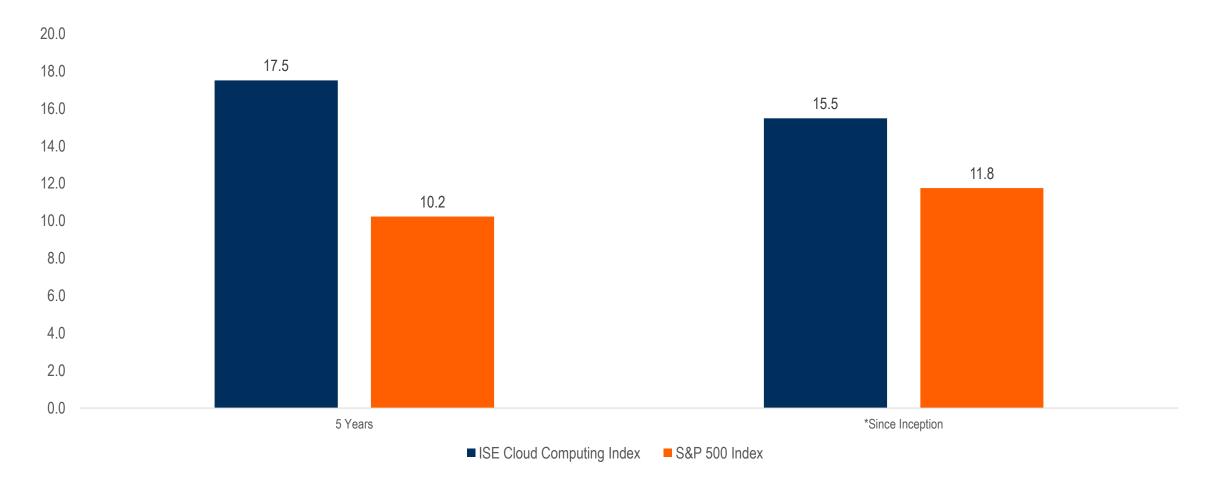
NON-PURE PLAYS	GICS SECTOR
j2 Global, Inc.	Information Technology
Wipro Ltd. (ADR)	Information Technology
Intuit Inc.	Information Technology
Adobe Incorporated	Information Technology
NetScout Systems, Inc.	Information Technology
Check Point Software Technologies Ltd.	Information Technology
Activision Blizzard, Inc.	Communication Services

Source: FactSet, as at 29 March 2019. Portfolio holdings are subject to change at any time. References to specific securities should not be construed as a recommendation to buy or sell and should not be assumed profitable.

This presentation is directed at Professional Investors only and is not for Retail Investors.



# Annualised Index Performance (%)



Source: Bloomberg, as at 29 March 2019. The information is for illustrative purposes only and is not indicative of a Fund or Strategy. Past performance is no guarantee of future results. Please see end of presentation for definitions.

# The Future of Cloud Computing – Cloud 2.0

### WEARABLE DEVICES

### Forbes Estimate (Feb 2018):

- Worldwide smart wearable device sales will double by 2022.
- Becoming \$27 billion+ market with 233 million unit sales.



### **AUTOMOBILES**

### **Counterpoint Estimate (March 2018):**

 Over the next five years, number of cars equipped with embedded connectivity will rise by 300%.



### SOCIETY

### Forbes Indicates (Oct 2018):

- Cloud can provide the digital infrastructure of tomorrow's cities.
- Distinct, separate clouds, all working in concert across different aspects of society.



Source: Forbes.com & Counterpoint.com..

# The Future of Cloud Computing – Cloud 2.0

- Cloud as we know it is on a path of transformation. IDC predicts that by 2020, public IT cloud services will account for 58% of the \$355 billion combined spending on traditional plus public cloud applications, development and deployment tools, infrastructure software, storage, and servers<sup>1</sup>.
- Cloud Computing has the potential to be one of the biggest technological revolutions in the last decade with almost everything in the digital world being connected to the cloud in some way or another.
- Cloud services become more:
- Distributed
- Trusted
- Intelligent
- Concentrated

Source: IDC.com¹ and First Trust. These predictions are not intended to imply or guarantee future performance and there is no assurance that the projections will be realized.

# THANK YOU!

# **Appendix**

# What is Cloud Computing?

- Cloud computing is a method of providing a set of shared computing resources that includes applications, computing, storage, networking, development, and deployment platforms as well as business processes.
- Cloud computing turns traditional siloed computing assets into shared pools of resources that are based on an underlying Internet foundation.

### The Acronyms and Terms

SAAS, PAAS, IAAS, CAAS – Public, Private, Hybrid

### Variety of Service Offerings

- CAAS Computing as a service over the internet
- SAAS Software as a Service
- PAAS Platform as a Service
- IAAS Infrastructure as a Service

### Types of Cloud

- Private
- Public
- Hybrid



#### **ISE Cloud Computing Index Description**

The Index is a modified market capitalization weighted index designed to track the performance of companies actively involved in the cloud computing industry. To be included in the Index, a security must be engaged in a business activity supporting or utilizing the cloud computing space, listed on an index eligible global stock exchange and have a market capitalization of at least \$100 million.

All securities are then classified according to the following three business segments:

- Pure Play Cloud Computing Companies: Companies that are direct service providers for "the cloud" (network hardware/software, storage, cloud computing services) or companies that deliver goods and services that utilize cloud computing technology.
- Non Pure Play Cloud Computing Companies: Companies that focus outside the cloud computing space but provide goods and services in support of the cloud computing space.
- Technology Conglomerate Cloud Computing Companies: Large broad-based companies that indirectly utilize or support the use of cloud computing technology.

The overall weight for each of the three business segments is calculated as follows:

- 10% of the index weight is allocated to technology conglomerate companies.
- The index weight that is allocated to non pure play companies is calculated by dividing the non pure play companies' market capitalization by the sum of the pure play and non pure play market capitalizations.
- The remainder of the index weight is allocated to pure play companies.

Stocks are equally weighted within each of the three classifications.

The Index is reconstituted and rebalanced semi-annually.

The First Trust Cloud Computing UCITS ETF is not sponsored, endorsed, sold or promoted by Nasdaq, Inc., or its affiliates (Nasdaq, with its affiliates, are referred to as the "Corporations"). The Corporations only relationship to First Trust is in the licensing of Nasdaq, Inc. and certain trade names of the Corporations and the use of the ISE Index which is determined, composed and calculated by Nasdaq, Inc. without regard to First Trust or the Fund. The First Trust Cloud Computing UCITS ETF is not sponsored, endorsed, sold or promoted by Nasdaq, Inc., or its affiliates (Nasdaq, with its affiliates, are referred to as the "Corporations"). The Corporations' only relationship to First Trust is in the licensing of Nasdaq, Inc. and certain trade names of the Corporations and the use of the ISE Index which is determined, composed and calculated by Nasdaq, Inc. without regard to First Trust or the Fund.

#### **Index Descriptions**

The Dow Jones Internet Composite Index<sup>SM</sup> is designed to measure the performance of the 40 largest and most actively traded stocks of U.S. companies in the internet industry. To be eligible for the index, a company must derive at least 50% of cash flows from the internet. MSCI AC World Index is a free float-adjusted market capitalization-weighted index that is designed to measure the materials sector performance of developed and emerging markets. S&P 500 is an unmanaged index of 500 stocks used to measure large-cap U.S. stock market performance.

The S&P Composite 1500® Information Technology Index comprises those companies included in the S&P Composite 1500 that are classified as members of the GICS® information technology sector.

The S&P Composite 1500® Consumer Discretionary Index comprises those companies included in the S&P Composite 1500 that are classified as members of the GICS® consumer discretionary sector.

# Risks & Important Information

#### Risks

The Fund's shares may change in value and may go down as well as up. You could lose money by investing in the fund. You may not get back all of the money you invest.

One of the principal risks of investing in the Fund is market risk. Market risk is the risk that a particular stock owned by the Fund, fund shares or stocks in general may fall in value. There can be no assurance that the fund's investment objective will be achieved.

The Fund may invest in small capitalization and mid capitalization companies. Such companies may experience greater price volatility than larger, more established companies.

An investment in a fund containing securities of non-U.S. issuers is subject to additional risks, including currency fluctuations, political risks, withholding, the lack of adequate financial information, and exchange control restrictions impacting non-U.S. issuers.

The Fund may invest in depositary receipts which may be less liquid than the underlying shares in their primary trading market.

The Fund invests in information technology companies, which are subject to certain risks, including rapidly changing technologies, short product life cycles, fierce competition, aggressive pricing and reduced profit margins, loss of patent, copyright and trademark protections, cyclical market patterns, evolving industry standards and frequent new product introductions. Certain companies may be smaller and less experienced companies, with limited product lines, markets or financial resources. Information technology company stocks, especially those which are Internet related, have experienced extreme price and volume fluctuations that are often unrelated to their operating performance.

The risks related to investing in cloud computing companies include interruptions or delays in service, security breaches involving sensitive, proprietary and confidential information, privacy concerns and laws, and other regulations that may limit or otherwise affect the operations of such companies. Changes in currency exchange rates and the relative value of non-US currencies may affect the value of a fund's investments and the value of a fund's shares.

Neither First Trust Global Portfolios Limited ("FTGP") nor any of its affiliates, guarantees the performance or the future returns of the Fund.

For more details relating to risks of investing in the Fund, please refer to the "Risk Factors" section of the Fund's prospectus

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The material in this document is not comprehensive and must therefore be read in conjunction with the Fund's prospectus, which contains material information not contained herein, including the terms of investment and information regarding investment risks and restrictions, fees and expenses and conflicts of interests. Potential investors should pay particular attention to the risk disclosures in the "Risk Factors" section of the Fund's prospectus. No assurance can be given that the Fund's investment objective will be achieved or that the Fund will generate a positive return. Contact FTGP or visit www.ftglobalportfolios.com to obtain a Prospectus and/or Key Investor Information Document (available in English).

Shares of the Fund are not available for sale in any state or jurisdiction in which such sale would be prohibited. The shares of the Funds have not been registered under the US Securities Act of 1933, as amended, and the Fund is not registered under the US Investment Company Act of 1940, as amended. Neither this material nor the Fund's shares are available to or suitable for US persons.

UCITS ETF's units/shares purchased on the secondary market cannot usually be sold directly back to UCITS ETF. Investors must buy and sell units / shares on a secondary market with the assistance of an intermediary (e.g. a stockbroker) and may receive less than the current net asset value when selling them.

#### Portfolio Holdings Disclosure Policy:

The Company's portfolio holdings policy is designed to be transparent, whilst being in the best interest of the Funds and protecting the confidentiality of each Fund's portfolio holdings. The full portfolio holdings for the Fund shall generally be available daily, with a one-day lag, on www.ftglobalportfolios.com. Any portfolio holdings information which may otherwise be provided on a confidential basis.

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This document is only for, or directed at persons who are professional clients or eligible counterparties for the purposes of the FCA's Conduct of Business Sourcebook. This document is exempt from the scheme promotion restriction (in Section 238 of the Financial Services and Markets Act 2000 ("FSMA") on the communication of invitations or inducements to engage in investment activity) on the grounds that it is a recognised collective investment scheme (a "recognised scheme") for the purposes of section 264 of the FSMA of the United Kingdom. Most of the protections provided by the UK regulatory system do not apply to the operation of the Fund and compensation will not be available under the UK Financial Services Compensation Scheme on its default.

#### For Investors in Austria

The Fund is registered for public offer in Austria. The Prospectus, Key Investor Information Document ("KIID") and other documents, as well as the annual and semi-annual reports have been published in Austria and are available free of charge from Erste Bank der österreichischen Sparkassen AG, Graben 21, A-1010 Wien, the Austrian paying and information agent.

#### For Investors in Belgium

The offering of Shares has not been and will not be notified to the Belgian Financial Services and Markets Authority (Autoriteit voor Financiële Diensten en Markten/Autorité des Services et Marchés Financiers) nor has this document been, nor will it be, approved by the Financial Services and Markets Authority. Shares may be offered in Belgium only to professional investors, in reliance of article 5, §1 of the Law of August 3, 2012 on collective investment undertakings that satisfy the conditions of Directive 2009/65/EC and undertakings for investments in receivables (the "Law of August 3, 2012"), such investors acting for their own account and subject to them complying with the resale condition as set forth in that article 5, §1 of the Law of August 3, 2012.

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This document is only for the attention of "Professional" investors as defined in Directive 2004/39/EC dated 21 April 2004 on Markets in Financial Instruments (MIFID), to investment services providers and any other professional of the financial industry. The products and services to which this communication relates are only available to such persons and persons of any other description should not rely on this communication. The Fund has been registered with the Financial Supervisory Authority of Denmark (Finanstilsynet) in order to market its shares for sale to professional investors only in Denmark in accordance with the Danish Investment Associations Act and Executive Order on the Marketing of Foreign UCITS in Denmark, each as amended from time to time.

#### For Investors in Finland

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## Important Information

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The Fund is registered for public offer in Luxembourg. The Prospectus, Key Investor Information Document ("KIID") and other documents as well as the annual and semi-annual reports are available in English free of charge from CACEIS Bank Luxembourg, 5, allée Scheffer, L-2520 Luxembourg.

#### For Investors in the Netherlands

This document is only for the attention of "Professional" investors as defined in Directive 2004/39/EC dated 21 April 2004 on Markets in Financial Instruments ("MIFID"), to investment services providers and any other professional of the financial industry. The products and services to which this communication relates are only available to such persons and persons of any other description should not rely on this communication. The Company has completed its notification to the Authority Financial Markets (Stichting Autoriteit Financiale Markets) in the Netherlands in order to market its shares for sale to the public in the Netherlands according to Section 2:72 of the Dutch Financial Markets Supervision Act (Wet op het financial to time.

#### For Investors in Norway

This document is only for the attention of "Professional" investors as defined in Directive 2004/39/EC dated 21 April 2004 on Markets in Financial Instruments (MIFID). The products and services to which this communication relates are only available to such persons and persons of any other description should not rely on this communication. The Fund has been registered with the Financial Supervisory Authority of Norway (Finanstilsynet) in accordance with the Norwegian Securities Funds Act section 9-3, in order to market its shares for sale to professional investors only in Norway.

#### For Investors in Portugal

This information document is addressed to professional investors only, as defined in Directive 2004/39/EC of 21 April 2004 (MiFID). The present document does not constitute in any way an offer or recommendation to make investments in the Fund or to execute other transactions in relation to the latter. The investors shall consult with their investment consultants in order to analyse the legal, fiscal and accounting aspects of the investment or other transactions concerning the investment or transaction is suitable to their own risk profile, financial status and investment objectives. The offering of the First Trust UCITS ETFs in Portugula has been notified to the Portuguese Securities Market Commission (Comissão do Mercado dos Valores Mobiliários) for the purposes of Article 196 of the Portuguese General Framework on Collective Investment Schemes (Regime Geral dos Organismos de Investimento Colectivo). Prospective investors may obtain the KIID in Portuguese and the current Prospectus, the articles of incorporation, as well as the latest annual and semi-annual report, in English, free of charge from <a href="https://www.ftglobalportfolios.com">www.ftglobalportfolios.com</a>.

#### For Investors in Spain

This document is only for, or direct at persons who, are "professional clients" for the purposes of Article 205 of the Royal Legislative Decree 4/2015, of 23 October, which approves the recast text of the Securities Market Law. The products and services to which this communication relates are only available to such persons and persons of any other description should not rely on this communication. The Fund has been registered with the Comisión Nacional del Mercado de Valores (CNMV) in Spain with registration number 1545. Any investment decision must be based solely on the basis of a careful consideration and understanding of all information contained in the latest Fund's prospectus and key investor information document (KIID). All mandatory official documentation (including the prospectus and the KIID) shall be available through the relevant distributors in Spain, in hard copy or by electronic means, and also available free of charge upon request by dialling +44(0)203 195 7121, writing to EuroSales@ftgportfolios.com, where you may also obtain updated information on the net asset value of the relevant shares. It is advisable to obtain further information and request professional advice before taking an investment decision.

#### For Investors in Sweden

This document is only for the attention of "Professional" investors as defined in the Swedish Securities Markets Act (Sw. lag (2007:528) om värdepappersmarknaden), implementing Directive 2004/39/EC dated 21 April 2004 on Markets in Financial Instruments (MIFID) into Swedish law, to investment services providers and any other professional of the financial industry. The products and services to which this communication relates are only available to such persons of any other description should not rely on this communication. The Fund has been registered with the Swedish Financial Supervisory Authority (Sw. Finansinspektionen) in accordance with Chapter 1, Section 7 of the Swedish Securities Funds Act (Sw. lag (2004:46) om värdepappersfonder), as amended from time to time. Prospective investors may obtain the KIID in Swedish and the current Prospectus, the articles of incorporation, as well as the latest annual and semi-annual report, in English, free of charge from www.ftgportfolios.com.

#### For Investors in Switzerland

The distribution of shares in Switzerland will be exclusively made to, and directed at, qualified investors (the "Qualified investors"), as defined in the Swiss Collective Investment Schemes Act of 23 June 2006, as amended ("CISA") and its implementing ordinance. Accordingly, the Fund has not been and will not be registered with the Swiss Financial Market Supervisory Authority (FINMA). This document and/or any other offering materials relating to the Fund may be made available in Switzerland solely to Qualified Investors. For this, the Fund has appointed as Swiss Representative Oligo Swiss Fund Services SA, Av. Villamont 17, 1005 Lausanne, Switzerland, Tel: +41 21 311 17 77, email: info@oligofunds.ch. The Fund's paying agent is Banque Cantonale de Genève. Any Fund Documentation may be obtained free of charge from the Swiss Representative in Lausanne.



#### **Dow Jones Internet Composite Index<sup>SM</sup> Description**

For a stock to be included in the selection universe for the index, a company must generate at least 50% of its annual sales/revenues from the Internet.

To be eligible for the Dow Jones Internet Composite Index<sup>SM</sup>, a stock issued through an initial public offering must have a minimum of three months' trading history. Spinoffs will require this history only if the parent stock has itself been trading for less than three months An index-eligible stock also must have:

A three-month average market capitalization of at least \$100 million

A three-month average closing price above \$10 if it is not currently in the index

Sufficient trading activity to pass liquidity tests

Index components are selected from the eligible universe using a combination of three-month average float-adjusted market capitalization and three-month average share volume with a goal of capturing 80% of the float-adjusted selection universe. The index composition is reviewed and rebalanced guarterly.

The Dow Jones Internet Composite Index<sup>SM</sup> is a product of S&P Dow Jones Indices LLC ("SPDJI"), and has been licensed for use by First Trust. Dow Jones® and Dow Jones Internet Composite Index<sup>SM</sup> are trademarks of Dow Jones Trademark Holdings LLC ("Dow Jones") and have been licensed to SPDJI and have been sublicensed for use for certain purposes by First Trust on behalf of the Fund. The First Trust Dow Jones Internet Index Fund is not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones or their respective affiliates and none of them makes any representation regarding the advisability of investing in such product.

#### **Index Descriptions**

The Dow Jones Internet Composite Index<sup>SM</sup> is designed to measure the performance of the 40 largest and most actively traded stocks of U.S. companies in the internet industry. To be eligible for the index, a company must derive at least 50% of cash flows from the internet. MSCI AC World Index is a free float-adjusted market capitalization-weighted index that is designed to measure the materials sector performance of developed and emerging markets.

S&P 500 is an unmanaged index of 500 stocks used to measure large-cap U.S. stock market performance.

The S&P Composite 1500® Information Technology Index comprises those companies included in the S&P Composite 1500 that are classified as members of the GICS® information technology sector.

The S&P Composite 1500® Consumer Discretionary Index comprises those companies included in the S&P Composite 1500 that are classified as members of the GICS® consumer discretionary sector.

#### Risks

The Fund's shares may change in value and may go down as well as up. You could lose money by investing in the fund. You may not get back all of the money you invest.

One of the principal risks of investing in the Fund is market risk. Market risk is the risk that a particular stock owned by the Fund, fund shares or stocks in general may fall in value. There can be no assurance that the fund's investment objective will be achieved. The Fund may invest in small capitalization and mid capitalization companies. Such companies may experience greater price volatility than larger, more established companies.

An investment in a fund containing securities of non-U.S. issuers is subject to additional risks, including currency fluctuations, political risks, withholding, the lack of adequate financial information, and exchange control restrictions impacting non-U.S. issuers.

The Fund may invest in depositary receipts which may be less liquid than the underlying shares in their primary trading market.

The Fund invests in information technology companies, which are subject to certain risks, including rapidly changing technologies, short product life cycles, fierce competition, aggressive pricing and reduced profit margins, loss of patent, copyright and trademark protections, cyclical market patterns, evolving industry standards and frequent new product introductions. Certain companies may be smaller and less experienced companies, with limited product lines, markets or financial resources. Information technology company stocks, especially those which are Internet related, have experienced extreme price and volume fluctuations that are often unrelated to their operating performance.

The risks related to investing in cloud computing companies include interruptions or delays in service, security breaches involving sensitive, proprietary and confidential information, privacy concerns and laws, and other regulations that may limit or otherwise affect the operations of such companies.

Changes in currency exchange rates and the relative value of non-US currencies may affect the value of a fund's investments and the value of a fund's shares.

Neither First Trust Global Portfolios Limited ("FTGP") nor any of its affiliates, guarantees the performance or the future returns of the Fund.

For more details relating to risks of investing in the Fund, please refer to the "Risk Factors" section of the Fund's prospectus.