

Introducing VistaShares

Unrivaled Pure Exposure™ to the World of Supercycles™

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Executive Summary

The global economy is entering a new era of growth, driven by Artificial Intelligence (AI) and increased energy abundance. As businesses mature and innovative technologies become more widely adopted, we believe that technology supercycles present a unique investment opportunity with immense value creation potential.

To capitalize on this potential, we have developed the BITA VistaShares Artificial Intelligence Supercycle™ (Ticker: BVSAIS) index. This index provides a comprehensive, “Bill of Materials” approach to thematic investing. By combining a rigorous methodology with in-depth value chain analysis, we have sought to ensure true thematic exposure that responds to a changing world.

BITA and VistaShares approach the problems of thematic exposure in a unique way: by leaning on the vision of top industry leaders who have shaped these Supercycle™ industries from their earliest days. Those leaders have now in turn applied their first hand knowledge to design investment strategies that we believe more accurately capture the growth potential of these Supercycles™.

What are Supercycles™?

Understanding and analyzing supercycles is crucial for navigating markets and making informed investment decisions. Supercycles are prolonged periods of structural growth in particular industries or sectors, driven by transformational factors like technological advancements, global demand, or major shifts in policy and consumer behavior. Supercycles can span years or even decades, as they represent deeper, macroeconomic trends that transcend typical market cycles (although they are accelerating along with innovation and technology). Whether it was the invention of the printing press, combustion engine, or the creation of the internet, supercycle technologies have a massive impact on our daily lives, and have enabled value creation on a global scale.

By identifying and anticipating these trends, investors can seek to position themselves to capitalize on emerging opportunities. At VistaShares, we’ve identified AI as a prime example of an industry experiencing such supercycles, with innovation driving waves of opportunity throughout their value chains:

- **Artificial Intelligence:** AI innovation is underpinned by hardware and software infrastructure, necessitating the development of a vast new data center infrastructure, semiconductors, AI-specific chips, and cloud computing to support the processing power and storage needs of AI systems. Advances in AI will be the catalyst to enormous changes to our critical infrastructure and pillars of our economy.

The Growth of AI

~\$391bn

Estimated global AI market value in 2025.¹

\$300bn

A funding round of \$40bn reportedly lifted OpenAI's valuation to \$300bn.²

+\$100bn

Nvidia & OpenAI make \$100bn deal to build data centers to support growing AI demand.³

\$15.7tn (by 2030)

By 2030, AI is projected to generate up to \$15.7 trillion in global revenue.¹

83%+ of firms

Companies list AI as a top strategic priority in business plans.⁴

¹ [50 NEW Artificial Intelligence Statistics \(July 2025\)](#)

² [Ranked: The Biggest AI Funding Rounds of 2025 So Far](#)

³ [Nvidia, OpenAI Make \\$100 Billion Deal to Build Data Centers](#)

⁴ [83 Artificial Intelligence Stats & Trends To Know In 2025](#)



Traditional Thematics: An Overview

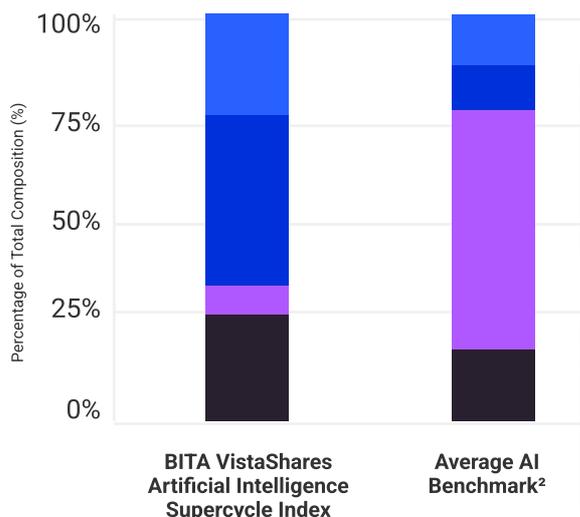
The thematic ETF market has experienced rapid growth as investors seek targeted exposure to emerging trends like AI, generally with the intent to capture assets chasing headlines. However, we believe that current approaches often struggle with suboptimal exposure, reduced diversification, and lower returns on their targeted thematic investments.

Several factors contribute to these failings:

- **Misaligned exposure:** Many thematic ETFs don't offer pure thematic exposure. Their constituents often include large-cap, widely-held companies like Apple, Amazon, and Facebook, which – while significant tech players – may not accurately represent the core of the thematic trend.¹ These "filler" stocks dilute the thematic focus for investors seeking pure thematic investments.
- **Overconcentration in end-of-value-chain companies:** Traditional ETFs often prioritize well-known companies at the consumer-facing end of the value chain while overlooking the suppliers and innovators driving the theme's growth.
- **Missed supply chain opportunities:** While focusing primarily on end-user companies, many ETFs overlook substantial profit opportunities available in the upstream supply chain, where margins can be higher, and growth potential is often underestimated.
- **Overlooked innovation:** Hidden gems driving industry innovation may be overlooked due to a focus on established, well-known companies.

These issues have contributed to a negative perception of thematic ETFs, hindering their adoption. Investors often fail to capitalize on the supercycles and trends they seek due to increased concentration in household names.

AI Supercycle Index vs. Average AI Benchmark



- Overlapping Stocks
- Non-Overlapping US 500 Stocks
- Other Non-Overlapping US Stocks
- Non-Overlapping International Stocks

Overlapping Stocks

The BITA VISTAShires Artificial Intelligence Supercycle Index and the average AI benchmark share only a small number of stocks.

Non-Overlapping US 500 Stocks

The average AI benchmark is heavily weighted towards large-cap US 500 stocks, which may reduce its thematic focus.

Other Non-Overlapping Stocks

The BITA VISTAShires Artificial Intelligence Supercycle Index includes a broader range of US and international stocks, capturing deeper and more diverse opportunities within the AI theme.

¹ For top ten holdings visit: <https://www.vistashares.com/etf/ais/#holdings>.

² The average includes: Indxx Artificial Intelligence & Big Data Index, Nasdaq Global AI and Big Data Index



Our Solution: The Value Chain-Focused Thematic Index

Unlike traditional solutions, our innovative index construction approach focuses on comprehensive supply chain analysis to ensure accurate portfolio representation and pure exposure to targeted themes.

Both of our initial investment products leverage in-depth Bills of Materials analysis and a rigorous rules-based methodology. This approach was developed and implemented by leading technology visionaries who helped shape the leading companies and products within the supercycle themes we are seeking to capture:

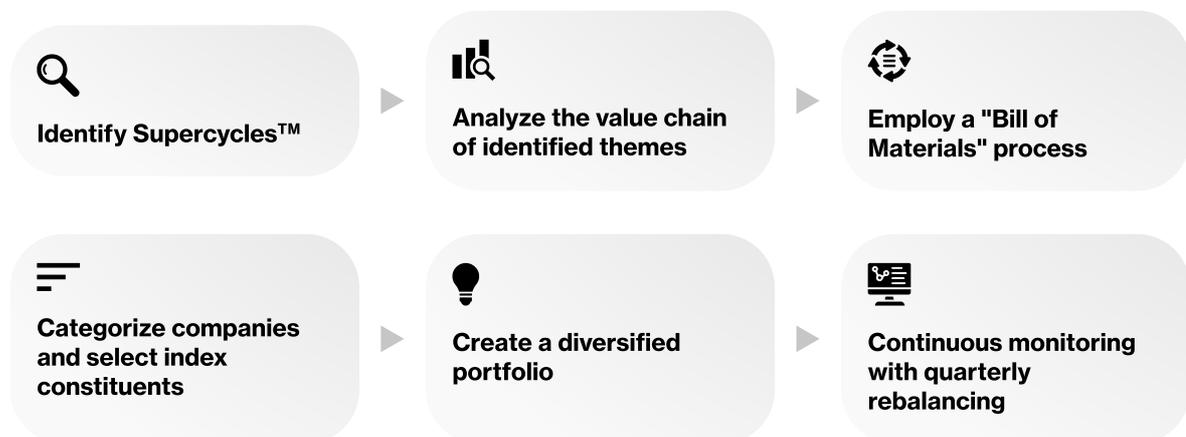
- **Accurate economic representation:** Our comprehensive approach identifies key players throughout the supply chain, selecting securities that truly reflect the economic essence of the targeted theme. This allows us to capture opportunities often missed by traditional indexes.
- **Diversified exposure:** We offer a broader range of companies across the supply chain, reducing concentration risk and avoiding the common issue of over-representation of large-cap stocks that dominate many thematic indexes.
- **Enhanced profit potential:** By targeting companies across various supply chain segments, we help investors tap into less recognized yet profitable areas of the industry and capture value from both established players and emerging disruptors.
- **Hidden opportunities:** Our bill of materials approach highlights overlooked, high-growth companies that are integral to the theme but often excluded from traditional indexes. This expands the investment universe and uncovers hidden gems.

While traditional thematic indexes often lag behind actual industry trends due to diluted exposure, our approach focuses on identifying companies with true thematic exposure and promising long-term growth potential, allowing investors to unlock significant value:

- **Short-term:** We focus on capturing value from emerging players with high growth potential to reduce reliance on large-cap stocks whose growth may be overvalued.
- **Long-term:** We invest in companies with pure exposure across the value chain to ensure participation in all phases of the industry's supercycle and secure sustainable growth.

Investment Process: Implementing the Strategy

Investment process flowchart





Our structured investment process focuses on the entire value chain of each theme, not just the manufacturers of end-products. This helps capture the dynamics of high-potential supercycles. By leveraging the Bill of Materials (BoM) methodology within a rules-based process, we seek to ensure precision, transparency and consistency in identifying, selecting, and weighting companies across the value chain.

Specifically, our investment process aims to:

Identify Supercycles™

The first step is to identify thematic opportunities that are positioned for long-term growth, driven by structural trends like technological advancements, regulatory shifts, or changing consumer behavior. Examples include AI and electric vehicles, where widespread adoption is expected to fuel a prolonged period of growth – referred to as a supercycle. This phase involves research into macroeconomic trends, emerging technologies, and industries that are undergoing significant transformations.

The focus is on themes that we believe exhibit strong, sustainable growth potential and are positioned at the intersection of innovation and consumer demand. These themes must have enough depth across their value chains to offer diverse investment opportunities.

Analyze the value chain of identified themes

Once a promising Supercycle™ is identified, the next step is to analyze the entire value chain to uncover the sub-industries that contribute to the creation, growth, and delivery of the end product or service. This value chain analysis includes breaking down the process into segments that range from upstream raw material providers to midstream component manufacturers and downstream product assemblers.

For example, in the case of EVs, the value chain might include battery producers, drivetrain manufacturers, and charging infrastructure providers. In AI, it could involve computation and storage infrastructure providers and AI software developers.

Employ a "Bill of Materials" process

The BoM process is used to quantify the economic contribution of each sub-industry segment in the value chain analysis. This methodology breaks down the entire production process, identifying each component or service required to bring the final product or service to market. The BoM helps to map the layers of the value chain and assigns an economic value to each based on its contribution to the final product. By assigning weights to each segment, the BoM provides a forward-looking view of where economic value is being generated. For instance, in the case of AI, the economic contribution of semiconductor chips or datacenters infrastructure would be quantified based on their role in enabling AI technologies.

This process helps ensure that the index captures true economic exposure to the theme, rather than relying on end-product companies that may only partially reflect the underlying supercycle.

Categorize companies and select index constituents

The investment strategies are implemented in the rules-based BITA VistaShares Supercycle indexes. During the initial analysis and universe determination, the goal is to identify profit pools – sub-industries or companies that have significant economic exposure to the theme and stand to benefit from the structural growth trend. This comprehensive universe research ensures that the index captures not only the most visible companies but also those that play crucial roles behind the scenes.



With the BoM framework in place, the next step is to construct the index by selecting constituents that align with the previously identified sub-industries. Each company selected for the index must generate a significant portion of its revenue from the theme, ensuring that only companies with meaningful economic exposure are included.

Companies are categorized based on their revenue contribution to the value chain. For example, a company that primarily manufactures components for electric vehicles will be classified in the corresponding category. In cases where a company's revenue spans multiple sub-industries, it will be assigned to the category where it generates the highest share of its revenue.

This ensures that index constituents are chosen based on their direct economic relevance to the theme, including all relevant layers of the value chain while avoiding "filler" stocks that dilute the theme.

Create a diversified portfolio

The index is designed to create a diversified portfolio that accurately represents the theme. This is achieved through a proprietary tiered weighting methodology that assigns weights to each sub-industry based on its economic importance to the theme. These sub-industry weights ensure that the portfolio accurately reflects the economic importance of each segment and its contribution to the theme's growth.

Within each sub-industry, individual companies are weighted based on their market share, calculated as the ratio of their thematic revenue to the total revenue of all companies in the same sub-industry. This ensures that more economically significant companies carry greater weight while maintaining broad exposure across the value chain. The overall approach ties back to the strategy's goal of enhancing profit potential by capturing companies that dominate their segment and are integral to the supercycle's expansion, such as key technology providers or component manufacturers.

This two-layered approach helps to ensure that the portfolio reflects both the individual company's importance within the supercycle and the overall significance of its category. This allows investors to gain exposure to areas and companies driving long-term structural growth rather than focusing solely on the consumer-facing side.

Continuous monitoring with quarterly rebalancing

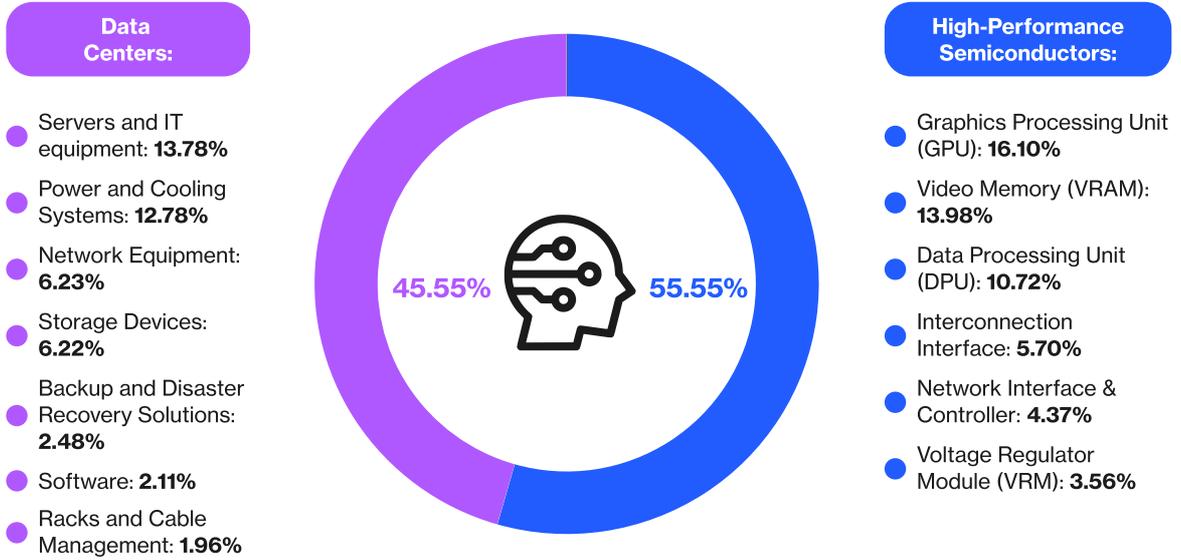
Finally, the portfolio and the underlying themes are continuously monitored. Regular index reviews ensure that the portfolio remains aligned with the evolving dynamics of the supercycle. During each review cycle, we review and potentially adjust sub-industry and individual constituent weights based on updated data. If a category becomes over- or under-represented, the index is rebalanced to maintain its desired characteristics. This dynamic approach allows the indexes to capture shifts in the industry, such as the emergence of new technologies or changes in demand.

Through continuous monitoring and rebalancing, the strategy remains forward-looking and responsive to market changes, providing investors with a portfolio that evolves alongside the theme.



Artificial Intelligence Index Bill of Material Breakdown:

This highlights the cost contributions of various components involved in building a data center. Major sub-assemblies like power and cooling systems, servers and IT equipment, and network equipment, and network equipment account for the largest portions of the BOM.



Data Centers:

- Servers and IT equipment: **13.78%**
- Power and Cooling Systems: **12.78%**
- Network Equipment: **6.23%**
- Storage Devices: **6.22%**
- Backup and Disaster Recovery Solutions: **2.48%**
- Software: **2.11%**
- Racks and Cable Management: **1.96%**

High-Performance Semiconductors:

- Graphics Processing Unit (GPU): **16.10%**
- Video Memory (VRAM): **13.98%**
- Data Processing Unit (DPU): **10.72%**
- Interconnection Interface: **5.70%**
- Network Interface & Controller: **4.37%**
- Voltage Regulator Module (VRM): **3.56%**

BOM Cost Breakdown of Major Sub-Assemblies:

In the USA, building a fully equipped data centre in 2025 normally costs between \$600 - \$1,100 per square foot for construction and fit-out, with high-end AI facilities ranging well beyond standard budgets. Larger data centers run from around \$250 million up to \$500 million or more, while smaller enterprise deployments can be completed for \$2 million to \$5 million.

Power and Cooling Systems

\$3M 30%

Legrand VERTIV

These systems are critical for maintaining optimal operating conditions. Costs can range from \$11,500/kW to \$25,000/kW depending on the data center tier.

Servers and IT equipment

\$2.8M 28%

Cisco

The core of any data center, responsible for data processing and storage. Costs vary widely based on power consumption, but estimates range from \$300-\$400 per rack unit.

Network Equipment

\$1.5M 15%

Arista Palo Alto

Essential for connecting the data center to the wider network. Costs can range from \$14,000 for a small Tier I data center to significantly more for higher-tier facilities.

Storage Devices

\$1M 10%

Western Digital Dell Technologies

Referring to hardware for storing, accessing, and retrieving data. Includes hard drives, tape drives, and external storage.



Total BOM for a Data Center

≈\$10M 100%

Backup (and Disaster Recovery Solutions)

\$700K 7%

Commvault NextDC

These are solutions for protecting data and minimizing downtime.

Software

\$500K 5%

Wesco Commscope

Software is used to manage data center assets, capacity planning, and environmental monitoring.

Racks and Cable (Management)

\$400K 4%

Arista Hewlett Packard Enterprise

Essential for organizing and maintaining the physical infrastructure.

Remote Hands Support

\$100K 1%

NextDC

These are services for remote technical tasks and support.



Index Details

BITA VistaShares Artificial Intelligence Supercycle Index

Ticker: BVSAIS

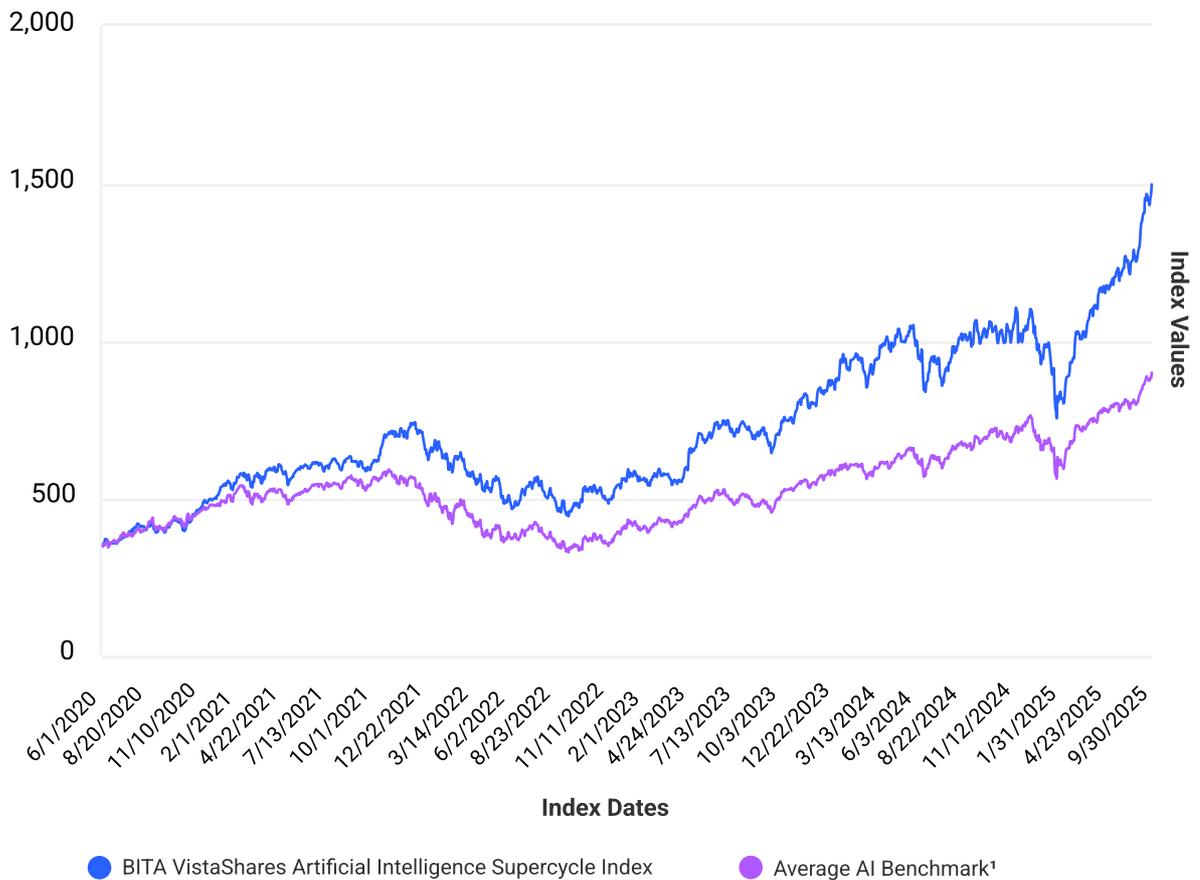
Number of Holdings: Variable

Return Type: Gross Total Return

Index Currency: USD

Rebalancing Frequency: Semi-annually

BITA VistaShares Artificial Intelligence Supercycle Index - Performance



¹ The average includes:
 Indxx Artificial Intelligence & Big Data Index
 Nasdaq Global AI and Big Data Index



Conclusion

Our innovative thematic indexes, powered by in-depth Bills of Materials analysis and a rigorous rules-based methodology, offer investors pure exposure to emerging trends like AI and EVs. By going beyond traditional approaches, we have sought to ensure accurate thematic representation and capture of the full value chain. This focus has allowed us to uncover hidden opportunities and identify companies that are driving true innovation and growth.

Index Definitions

The BITA VistaShares Artificial Intelligence Supercycle Index is a rules-based composite index that tracks the market performance of companies, listed on global stock exchanges, that derive their revenues from producing high-performance semiconductors, and building and operating AI-enabled applications and datacenters.

The Indxx Artificial Intelligence & Big Data Index is designed to track the performance of companies listed or incorporated in developed markets that are positioned to benefit from the development and utilization of Artificial Intelligence (“AI”) technology in their products and services, as well as companies that produce hardware used in Artificial Intelligence applied for the analysis of Big Data.

The Nasdaq Global Artificial Intelligence and Big Data Index is designed to track the performance of companies engaged in the following themes: Deep Learning, NLP, Image Recognition, Speech Recognition & Chatbots, Cloud Computing, Cybersecurity and Big Data.

Disclosures

Investors should consider the investment objectives, risks, charges and expenses carefully before investing. For a prospectus or summary prospectus with this and other information about the Fund, please call (844) 875-2288 or visit www.VistaShares.com.

Investments involve risk, including the loss of principal.

Important Information:

Artificial Intelligence Risk (AIS)

Issuers engaged in artificial intelligence typically have high research and capital expenditures and, as a result, their profitability can vary widely, if they are profitable at all. The space in which they are engaged is highly competitive and issuers’ products and services may become obsolete very quickly. These companies are heavily dependent on intellectual property rights and may be adversely affected by loss or impairment of those rights. The issuers are also subject to legal, regulatory and political changes that may have a large impact on their profitability. A failure in an issuer’s product or even questions about the safety of the product could be devastating to the issuer, especially if it is the marquee product of the issuer. It can be difficult to accurately capture what qualifies as an artificial intelligence company.

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About VistaShares

VistaShares ETFs are actively managed to offer Pure Exposure™ to the economic Supercycles™ that we believe are poised for significant growth. Supercycles™ are long-term trends that disrupt current economic models through leading edge technological advancements shaping our world.

About BITA

BITA is a leading technology-enabled Fintech, specializing in providing investment customization infrastructure and indexing solutions to financial institutions across various market segments and applications. From traditional passive investing to direct indexing, BITA's infrastructure is designed to support investment customization at scale.

BITACore, the company's cloud-based index development and investment customization platform, is available in both web-based and API versions, supporting a wide range of applications from traditional institutional indexing to direct indexing.



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