Nasdaq Asset Owner Solutions

Solution Proposal

Prepared for: Rhode Island Employees Retirement

March 22, 2024

Nasdaq

Proposed Solutions

Proposal is for 5-year initial term: 6/19/2024 – 6/19/2029

Nasdaq Asset Owner Solutions & Services	Rhode Island Proposal
Solovis Portfolio Analytics:	
Multi-Asset Class Performance Analytics	✓
Exposure & Transparency	✓
Cash Flow Projections	✓
Liquidity	✓
Detailed Reporting	✓
Design Lab	✓
Custodial Integration	✓
Solovis Security Benchmark Feed	✓
Public Fund Exposure	✓
Private Fund Exposure	✓
Operations Analyst	✓
Performance, Valuations & Reconciliation	✓
Document Management & Hyperlinks	✓
Solovis Risk Analytics	✓
Holdings-Based Risk Models & Custom Factors	✓
Scenario Analysis & Stress Testing	✓
Total	**$354,512.00**

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Nasdaq Asset Owner Solutions

Solovis + eVestment

Nasdaq

The institutional industry's only comprehensive suite of solutions -

Uniting the most influential institutional data with true multi-asset class portfolio analytics to deliver transparency, insights and decision support for achieving your investment objectives.

Combining eVestment's due diligence capabilities across public and private markets with Solovis' award-winning multi-asset class portfolio analytics.

Trusted by over 1,000 asset owners and consultants for:

Manager Research and Due Diligence

Multi-Asset Class Portfolio Management

Research and Document Management

Powered by

Solovis | eVestment | TopQ+

Manager Research and Due Diligence

Select the best managers and hold them accountable

Access Unparalleled Data

The most comprehensive institutional database of 30,000+ long-only, hedge funds and private funds

Source & Benchmark Managers

Compare managers against industry benchmarks and over 600 peer universes to understand true differentiators and how they are delivering returns

Identify Funds Coming to Market

Identify private funds coming to market with a proprietary 5-year forward calendar of fundraising activity

Leverage Independent Data

Insight into ratings, recommendations and research from top consultants to support your due diligence

Multi-Asset Class Portfolio Management

Greater efficiency, fast insights and better investment decisions

Single Source of Truth

Aggregate data from multiple systems, spreadsheets and databases to provide a complete, bottom-up view of your entire portfolio, across asset classes

Powerful Portfolio Analytics

Customizable reports and visualizations for analyzing performance, risk, liquidity and exposure across liquid and illiquid assets

Visibility into Private Investments

Analyze deal-level performance information for attribution at the individual investment level, not just the fund level

Model Future Outcomes

Assess allocations over time relative to targets, measure impact of decisions on liquidity, risk and exposures, and drive private investment modeling through customizable J-curves

Research and Document Management

Store, organize and track manager research and document

Centralize Your Assets

Ensure all your information is in one place. Just drag-and-drop files to upload them to a library and link email correspondence with Outlook integration

Increase Efficiency

Automated workflows free you to do what you do best — research, analyze and think — and lets technology take care of reminders

Educate Clients & Stakeholders

Document and share you due-diligence process with stakeholders who want to understand thinking behind manager selections

Mitigate Turnover Risk

Retain data, knowledge and intellectual capital when teammates leave and onboard new colleagues with documented, trainable processes

About Our Global Investor Network

At eVestment, we see our job as relentlessly creating transparency to power institutional investing. We do that by collecting more data, deriving insights from that data, and making it available to the institutional marketplace. We think it's simple: More data means more transparency, and more transparency means better outcomes for investors.

More than 900 institutional investors worldwide agree.

184 public pensions
127 corporate pensions
9 superannuations
80 endowments
45 foundations
116 family offices
77 insurers
36 sovereign wealth funds
91 hedge fund of funds

Australia
Bahrain
Belgium
Bermuda
Brazil
Canada
Cayman Islands
China
Denmark
Finland
France
Germany
Guernsey
Hong Kong
India
Indonesia
Ireland
Italy
Japan
Jersey
Korea, Republic of
Kuwait
Luxembourg
Monaco
Netherlands
New Zealand
Norway
Oman
Panama
Peru
Poland
Qatar
Saudi Arabia
Singapore
South Africa
Spain
Sweden
Switzerland
Thailand
United Arab Emirates
United Kingdom
United States
Uruguay

Partial Client List

Last updated 4 Jan 2021

Public Plans

Alaska Permanent Fund
Alberta Investment Management Company
Border to Coast UK
CalPERS
CalSTRS
First Swedish National Pension Fund (AP1)
Georgia (US) Division of Investment Services
LGPS Central Pool
London LGPS CIV Limited
London Pensions Fund Authority
Massachusetts PRIM
Minnesota State Board of Investment
New York State Common Retirement Fund
State Board of Administration of Florida
Virginia Retirement System
Washington State Investment Board
Monetary Authority of Singapore
National Pension Service of Korea
Pension Fund Association of Japan
Public Institute for Social Security Kuwait
Public Investment Corporation of South Africa

Family Offices

Bessemer Trust Company
Capricorn Investment Group
Strenta Investment Management
Synovus Trust Company

Corporate Pensions

AT&T
Bayerische Versorgungskammer
Boeing Company
Google
Kaiser Permanente
PGGM Investment Management
Shell Asset Management Company
UPS Group Trust

Endowments

Cambridge Investment Management Limited
Georgetown University Investment Office
University of California Board of Regents

Insurers

Allstate Insurance Company
American Family Insurance
CIGNA
Dai-ichi Life Insurance US
Hartford Life Insurance Company
Nationwide
Northwestern Investment Management Company
Zurich Financial Services

Sovereign Wealth Funds

Korea Investment Corporation
State Administration of Foreign Exchange (China)
Kuwait Investment Authority
Qatar Investment Authority
Saudi Arabian Monetary Authority

Hedge Fund of Funds

Ashburton Investments
Double Eagle Capital
Hatteras Funds
SCS Financial Holdings
Titan Advisors

Foundations

Alfred P Sloan Foundation
Harry & Jeanette Weinberg Foundation
Texas Children's Hospital
VELUX Foundations
W K Kellogg Foundation

Superannuations

AustralianSuper
New Zealand Superannuation Fund

Gain a holistic view of your multi-asset class portfolio to improve operational efficiency and enable better investment decisions with

Solovis Portfolio Analytics

Solovis Portfolio Analytics provides instant insight across your entire multi-asset class portfolio. Improve visibility with one dashboard for modeling, analysis and reporting. Conduct bottom-up portfolio analysis from any angle. Empower users with powerful, easy to-use report writing tools to meet the needs of all constituents

USE SOLOVIS PORTFOLIO ANALYTICS TO:

1. **Understand your Total Portfolio and How its Performing**

Gain a holistic view of your multi-asset class portfolio, what you own, and how its performing.

2. **Manage and Plan Your Private Markets Portfolio**

Solovis uniquely caters to private and public investments in one-place, without compromising on private markets investment analysis capabilities due to a flexible system data architecture and purpose-built analytics module.

3. **Efficiently Report to Stakeholders**

With real-time reports and performance tracking, provide continual and customized communication on all aspects of your portfolio to your investment teams and external stakeholders

More effectively manage and mitigate risk across the entirety of a multi-asset class portfolio with

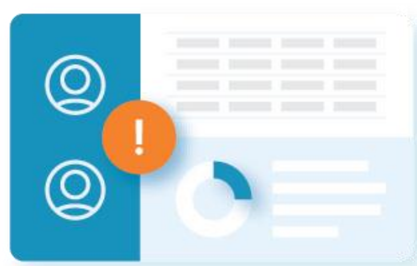
Solovis Risk

Solovis Risk Analytics eliminates the need for siloed risk systems and inefficient spreadsheets, delivering a complete risk management and reporting platform across all asset types. As part of the overall Solovis Portfolio Analytics platform, the Solovis Risk application provides accurate, timely insights into exposure, performance and liquidity data for historical scenario analysis and market stress tests

USE SOLOVIS RISK TO:

1. **Better Manage and Mitigate Risk**

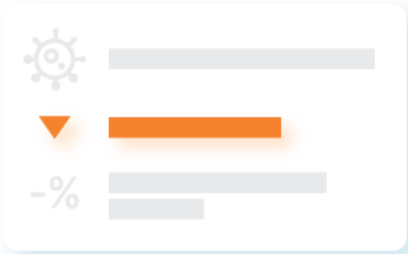
Assess portfolio risk across all asset classes with bottom-up multi-factor risk exposures, historical scenario analysis and market stress testing.



2. **Improve Efficiency and Eliminate Data Latency**

Eliminate the need for siloed systems and inefficient spreadsheets with a complete multi-asset risk management and reporting platform that simplifies and streamline complex risk assessments.

KEY FEATURES:



- Perform fast, accurate risk analysis and automated calculations across a variety of scenarios and market stress outcomes such as Covid-19, 2008 Financial Crisis, S&P 500 down 10% and others

- Leverage pre-existing data access and aggregations from a powerful IBOR uniquely designed for asset owners and allocators

Nasdaq Solovis is a multi-asset class portfolio analytics platform that improves visibility with one dashboard for modeling, analysis and reporting. Use the Solovis product suite to streamline portfolio data operations and gain the insights you need to drive portfolio decisions. Understand your total portfolio and how its performing, mitigate risk while maintaining return objectives, and make your portfolio data collection and management more efficient and effective.

[Learn more about Solovis]

Solovis Analyst Services Overview

Expand your team's capacity, ensure portfolio data accuracy, and gain deeper analysis capabilities by outsourcing your data capture and aggregation to the Solovis Analyst Services team.

Nasdaq

Solovis Analyst Services equips you with an outsourced operational infrastructure to simplify how you obtain, centralize, and aggregate all aspects of your portfolio data for review and performance analysis.

With an experienced services team and advanced data collection tools, our Analyst Services offering expands your portfolio data collection capabilities without impacting on your existing resources and gives you confidence in the portfolio information your organization relies on.

OPERATIONS ANALYST

Outsource Portfolio Data Collection

Offload the time-intensive work of collecting and aggregating portfolio data from your managers, custodians and market data vendors and improve the timeliness and accuracy of the portfolio data you rely on for decision making.

PUBLIC ANALYST

Capture Public Asset Holdings Data

Streamline the collection of public fund exposure and holdings data from multiple sources to enable more comprehensive portfolio analysis.

PRIVATE ANALYST

Capture Private Fund Holdings Data

Improve the efficiency and completeness of collection of your private fund holdings data collection, to save time and gain a deeper understanding of your portfolio.

OPERATIONS ANALYST

Outsource portfolio data collection to expand your team capacity

Operations Analyst helps you improve the timeliness and accuracy of portfolio performance data. Our team processes transaction notices, valuation statements, and manager estimates; books and reconciles cashflows; reviews custodial feed data for accuracy; and can also provide month-end reconciliation to a custodian or administrator.

KEY FEATURES

- Collection of portfolio data from multiple sources.
- Extraction of market values and transaction information across asset classes.
- Reconciliation and quality assurance checks.

PUBLIC ANALYST

Enable deeper analysis of your public investment holdings

Public Analyst streamlines exposure data collection, enabling more comprehensive portfolio analysis. We pull data from holdings reports, manager letters, risk reports, custodial feeds, and 13-F filings in order to high-quality deliver sector, geography, asset type, and holdings exposure information.

KEY FEATURES

- Collection of underlying holding and exposure data on public markets funds, including hedge funds.
- Exposure capture across Sector, Geography, and Asset Type.
- Enables analysis at Portfolio, Fund and Underlying Holdings levels.

PRIVATE ANALYST

Enable deeper analysis of your private investment holdings

Private Analyst enables a holistic view of your holdings and exposure information across all of your private limited partnerships. By creating consistency across your investment universe and providing accurate visualizations of what you own, in the way you want it organized, you are just a click away from better understanding your private markets investments.

KEY FEATURES

- Collection of underlying holding and exposure data on private markets funds, including co-investments.
- Exposure capture across Sector and Geography.
- Enables analysis at Portfolio, Fund and Underlying Holdings levels.

Nasdaq Solovis is a multi-asset class portfolio analytics platform that improves visibility with one dashboard for modeling, analysis and reporting. Use the Solovis product suite to streamline portfolio data operations and gain the insights you need to drive portfolio decisions. Understand your total portfolio and how its performing, mitigate risk while maintaining return objectives, and make your portfolio data collection and management more efficient and effective.

Learn more about Solovis

Nasdaq eVestment™ Peer Benchmarking

Assets owners will be able to leverage the peer data of over 20,000+ institutional investors for their portfolio. With minimal onboarding, an asset owner can achieve peer benchmarking for performance, asset allocation and manager fees.

Nasdaq eVestment's Peer Benchmarking tool allows you to:

Know how you stack up against other investors

Use our tool to gain insight into how you are performing when compared against your peers.

Demonstrate your performance to stakeholders

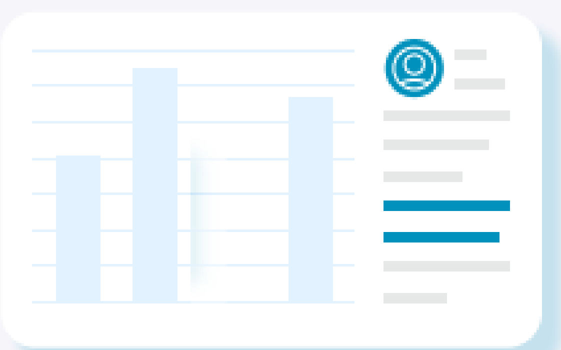
Our Peer Benchmarking tool provides the proof points needed to demonstrate the portfolio performance to internal stakeholders. This allows you to quickly identify strengths and opportunities for improvement.

Understand what is driving performance in top-performing peers

Inform your investment approach by identifying which allocation strategies are driving performance. You can drill down into the implementation and manager selection of top performers.

Our unique offering:

- Create custom peer groups most relevant to you by filtering on plan size, geography, allocation and more.
- Assess performance of individual, top performing plans and understand key contributors to success
- Have complete confidence in your analysis by using the largest, most consistent and accurate investor performance database
- Drill down to the underlying asset managers and strategies driving performance in top performing peers.



To request a tour of **Nasdaq eVestment** Peer Benchmarking, visit nasdaq.com/solutions/evestment/asset-owners/peer-benchmarking

Contact Us

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