

METRIQ®: PORTFOLIO DIAGNOSTIC



KNOW WHAT YOU OWN. KNOW WHERE YOU WANT TO GO.
KNOW HOW TO GET THERE.

The challenge

Understanding and managing portfolio risks is paramount. Many institutional investors face three similar challenges:

- What do they own? What are their actual exposures at any given time? Are there gaps or overlaps?
- Where do they want to be? How close are they to their actual targets?
- What is the most efficient and cost-effective way to get there? What's the optimal way to align their portfolio with policy?

A portfolio diagnostic uses the same powerful analytic platform we use internally every day on our own portfolios, METRIQ, and applies that analytical power to a client's portfolio. This diagnostic effort provides clients with a thorough evaluation of their portfolio exposures, sourced from underlying holdings in their managers' portfolios, or via proxy holdings from our lineup. Clients are able to evaluate risks at all levels, often identifying exposures that are unintended or may be outsized relative to the overall risk budget. This output enables more informed decision making. It is designed to empower investors to optimize their portfolio through improved risk-adjusted performance, enhanced risk management and cost savings.

Two diagnostic case studies

1. A large pension plan

This client was in the early stages of implementing custom beta solutions. Their primary challenge was understanding their portfolio's risk exposures to make informed decisions during a series of manager changes.

- This plan had their own in-house risk systems, so we provided an additional layer of analysis to validate and enhance their existing data. This initial analysis helped them identify key risk exposures and areas of concern.
- We identified that the plan's portfolio was underweight U.S. equity relative to its benchmark.

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- Armed with this knowledge, we ran scenario analysis on various potential manager transitions, along with the use of custom beta solutions to fill gaps in the portfolio.
- The plan implemented their desired changes, addressing exposures within countries and factors to help reduce active risk that is unintended and realize better risk adjusted returns.

2. A large healthcare organization

After engaging Russell Investments for several implementation solutions over a number of years, this client joined our Enhanced Portfolio Implementation (EPI) platform. Their primary goal was increased cost savings, along with efficiency gains through reduced trading and centralized portfolio oversight.

- The large healthcare organization initially engaged Russell Investments to manage a large portfolio change, requiring our Transition Management team to coordinate with multiple parties while maintaining the appropriate market exposure.
- Next, the staff connected with our Overlay and Completion Management teams to address unintended risk exposures in their portfolio.
- Finally, we onboarded the client to our Enhanced Portfolio Implementation (EPI) platform, providing them access to our full suite of managers along with the scale of our negotiating power.
- EPI enables greater operational ease when adjusting manager allocations, eliminating the need for a formal transition. Working in coordination with the client's overlay, the portfolio remains fully invested throughout these changes.
- The client can now incorporate their own values and exclusion list across their entire portfolio—something that was not possible with prior investments in commingled vehicles.

METRiQ: Get access to the same analytics platform we use every day

Our portfolio analytics platform, METRiQ, arms Russell Investments' portfolio managers and consultants with a leading-edge suite of diagnostic tools designed to provide clients with a comprehensive view of their portfolios. These tools leverage advanced risk analytics to identify portfolio exposures and unintended risks due to gaps and overlaps, enabling clients to make data-driven decisions.

Diagnostic process

The diagnostic process typically involves analyzing clients' total portfolio, identifying risk exposures, and providing actionable insights after conversations with the client to understand their goals. In many cases, the process begins with an in-depth analysis of the client's global equity portfolio. Our team collaborates with the client to gather relevant data, including holdings, benchmarks and manager lineups. (Note: In cases where clients are unable to share detailed holdings, we can work with proxies or anonymized data.)

Step 1: Data collection and initial analysis

The first step involves collecting data on the client's portfolio. This includes:

- **Holdings:** Detailed information about the securities held in the portfolio.
- **Benchmarks:** Reference points to compare the portfolio's performance.
- **Manager Lineups:** Information about the managers overseeing different segments of the portfolio.



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Step 2: Risk exposure analysis

Using METRiQ's advanced risk analytics, we evaluate the portfolio's risk exposures. This involves:

- **Identifying underweights and overweights:** Comparing the portfolio's allocations to its benchmark to identify significant deviations.
- **Factor and regional tilts:** Analyzing the portfolio's exposure to various factors (e.g., value, growth) and regions.
- **Quantifying contribution to risk:** Highlighting the drivers of risks in the portfolio to delineate between compensated and uncompensated sources of risk.

Step 3: Client consultation and feedback

We present the findings to the client, providing detailed reports and visualizations. This step involves:

- **Discussing findings:** Engaging with the client to explain the identified exposures and their potential impact—both positive and negative.
- **Gathering feedback:** Allowing the client to provide input and clarify their investment objectives.
- **Proposing actionable solutions:** Recommending strategies to address unintended exposures and align the portfolio with the client's goals.

Step 4: Implementation and ongoing support

The client is free to take the provided insight and use it as they see fit. If the client agrees with the proposed solutions, and chooses to implement them, we are ready to assist with implementation. This includes:

- **Transition management:** Helping clients transition or rebalance between managers smoothly, minimizing disruption, time out of market, and overall costs.
- **Completion Portfolios & Overlays:** Implementing tailored portfolios to address specific risk exposures, using physical and synthetic exposures.
- **Ongoing Monitoring:** Providing regular updates and analytics to ensure the portfolio remains aligned with the client's objectives.
- **Enhanced Portfolio Implementation:** Centralizing implementation of portfolio, while maintaining sub-manager insights.



The diagnostic process demonstrates the power of advanced risk analytics in asset management.

The power of advanced risk analytics

The diagnostic process demonstrates the power of advanced risk analytics in asset management. Using METRiQ, we provide clients with a clear understanding of their portfolios from an asset allocator's perspective, enabling them to make informed decisions and to take advantage of optimization opportunities, often resulting in significant cost savings, risk reduction, and better performance in their portfolios.

QUESTIONS?

Call Russell Investments at **800-426-8506**
or visit **russellinvestments.com**

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