

Managed Services for Barra Portfolio Manager

In today's cost-conscious environment, outsourcing non-core activities to experienced third parties is becoming increasingly common, as companies look to reduce their operational support costs and benefit from efficiencies of scale. **Barra Managed Services** provides a cost-effective and convenient way to delegate your data and system management operations, leaving you free to focus on your investment analysis.

Barra Managed Services is offered as an optional add-on to Barra Portfolio Manager, a hosted portfolio management platform designed for research, reporting, strategy development, portfolio construction, and performance and risk attribution. Run by a dedicated global team of highly trained Operations Specialists, Barra Managed Services handles and monitors the end-to-end process of your data workflow.

Key Features

- » **Client Data Management** – Our Operations Specialists promptly process and upload your data to Barra Portfolio Manager, and arrange for all reconciliation and asset coverage reports to be delivered to you in a timely and secure manner.
- » **Reconciliation Analysis and Asset Proxying** – Barra Managed Services performs a full reconciliation analysis on both portfolio market values and asset coverage. This is then delivered to you in the form of a report. Our Operations Specialists provide commentary on rejected instruments and incorporate client defined proxy rules. Common examples of when these proxy rules would be applied include invalid holding format, corporate actions, and missing terms and conditions data.
- » **System Management** – Once all your position data is loaded into Barra Portfolio Manager, the Operations Specialists pre-process the performance analytics, which means that the results are ready for use.
- » **Cost Control** – Barra Managed Services can help reduce overhead costs by providing an efficient alternative to in-house data processing and reconciliation management.
- » **Security** – Each client has his own secure production environment, and secure protocols are used to exchange and store client position data.
- » **Reliability** – Barra Managed Services draws on MSCI's highly robust infrastructure and a dedicated global team of experts to comply with data processing delivery deadlines.
- » **Expertise** – MSCI has over a decade of experience in providing data and system management services.

MANAGED SERVICES FOR BARRA PORTFOLIO MANAGER

Data Management | System Management



msci.com | clientservice@msci.com

About MSCI

MSCI Inc. is a leading provider of investment decision support tools to investors globally, including asset managers, banks, hedge funds and pension funds. MSCI products and services include indices, portfolio risk and performance analytics, and governance tools. The company's flagship product offerings are: the MSCI indices with approximately USD 7.5 trillion estimated to be benchmarked to them on a worldwide basis¹; Barra multi-asset class factor models, portfolio risk and performance analytics; RiskMetrics multi-asset class market and credit risk analytics; IPD real estate information, indices and analytics; MSCI ESG (environmental, social and governance) Research screening, analysis and ratings; ISS corporate governance research, data and outsourced proxy voting and reporting services; and FEA valuation models and risk management software for the energy and commodities markets. MSCI is headquartered in New York, with research and commercial offices around the world.

The information contained herein (the "Information") may not be reproduced or disseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indices, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not be applicable law be excluded or limited.

¹As of March 31, 2013, as reported on July 31, 2013 by eVestment, Lipper and Bloomberg.