

## Goldman Sachs and MSCI collaborate to deliver improved risk analytics for institutional clients

**NEW YORK, May 17, 2021** – Goldman Sachs Group, Inc. (NYSE:GS), a leading global investment banking, securities, and investment management firm and MSCI Inc. (NYSE:MSCI), a leading provider of critical decision support tools and services for the global investment community, today announced a collaboration to deliver improved portfolio analytics and more efficient workflows to institutional clients.

Goldman Sachs and MSCI are partnering to provide data and analytics across their institutional client platforms, Goldman Sachs Marquee and MSCI RiskManager. Leveraging the combined expertise of both firms in data and risk management, this collaboration aims to deliver higher quality analytics that clients can access in a simplified way.

MSCI's industry-leading risk factor models are now accessible through Goldman Sachs Marquee, the firm's digital platform for institutional investors. Likewise, MSCI clients are now able to access Goldman Sachs' volatility data through MSCI RiskManager, for greater precision in risk management.

MSCI's risk factor models will be available via Goldman Sachs APIs and GS Quant, an open-source Python toolkit designed by the firm's quantitative analysts to rapidly and seamlessly integrate data. GS Quant provides a programmatic environment to interact with Goldman Sachs' data analytics tools and MSCI's risk factor models in a scalable manner. The models will also be accessible via Marquee's Portfolio Analytics user interface.

Goldman Sachs' volatility data is based on proprietary pricing models, leveraging the firm's longstanding experience in market making and risk management. Now available in MSCI's risk management platform, the data can be coupled with MSCI's risk factor models and used to support a variety of risk measurement and reporting use cases.

"We are making Goldman Sachs' rich datasets, which are proven across decades of market cycles, and MSCI's advanced risk factor models, available through each other's platforms to deliver powerful analytical tools to our clients," said Anne Marie Darling, head of Marquee distribution at Goldman Sachs. "This partnership is a testament to how we are leveraging technology and embracing open architecture to offer superior solutions to our clients in data and risk."

"We are excited to be working with Goldman Sachs. Through this collaboration we are enabling clients to simplify workflows across portfolio design, construction, and risk management. This will empower them to translate data into actionable insights," said Jorge Mina, Head of Analytics at MSCI.

**About MSCI**

MSCI is a leading provider of critical decision-support tools and services for the global investment community. With over 50 years of expertise in research, data and technology, MSCI powers better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. MSCI creates industry-leading, research-enhanced solutions risk and performance analytics that help clients build better portfolios and communicate with clients more effectively through an integrated view of risk and return.

[www.msci.com](http://www.msci.com)

**About Goldman Sachs**

The Goldman Sachs Group, Inc. is a leading global investment banking, securities, and investment management firm that provides a wide range of financial services to a diversified client base that includes corporations, financial institutions, governments, and individuals. Marquee is Goldman Sachs' digital storefront for institutional client services, delivering the Firm's market insights, analytical tools, execution services, and developer and data services directly to clients via an integrated platform.

[marquee.gs.com/welcome](http://marquee.gs.com/welcome) | [developer.gs.com](http://developer.gs.com)

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## Forward-looking Statements and Notice

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements relate to future events or performance and involve risks that may cause actual results or performance to differ materially and you should not place undue reliance on them. Risks that could affect results or performance are in MSCI's Annual Report on Form 10-K for the most recent fiscal year ended on December 31 that is filed with the SEC. MSCI does not undertake to update any forward-looking statements.

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