

# Accelerating technology for Investment Banks



Beacon's platform evolved from the proprietary technology solutions built for some of the world's most prestigious financial institutions, including SecDB at Goldman Sachs and Athena at JP Morgan. With Beacon, investment banks of all sizes can now take advantage of the next generation of enterprise platform technology - and compete on a more level playing field.

## Best-in-Class Tools for Quants and Developers

### Enterprise Technology

- Consistent development environment that facilitates collaboration, leading to better integrated and commercial teams
- Complete and consistent data
- Access to elastic cloud infrastructure and large-scale parallel compute
- Framework for quickly building web-based end-user applications
- Workflow tools for developing, testing, and deploying code in a controlled, yet flexible way

### Financial Models

- Financial object models for most modern markets
- Reference financial analytics
- Framework for defining complex risk and scenario reports, profit and loss (PNL) attribution, forward-looking simulated scenario analysis, back-testing
- Firmwide risk calculations, such as XVA and value at risk
- Transparent source code

## Benefits for Sales and Trading

- Scalable analytical tools rather than ad hoc spreadsheets
- Unified framework for pre-trade structuring/pricing/analytics and post-trade risk management
- An extendable platform that can cover new asset classes, instruments, and data sources
- Near real-time risk and PNL view with customizable reports
- Ability to "time travel" to run reports as of any market date and position date, with full transparency of trade updates (e.g. amendments)
- Incremental tech improvements instead of infrequent and disruptive upgrades
- Cost savings from fewer operational errors markets with flexible, scalable technology

## Integration

We understand that seamless integration is a top priority for our clients, so we designed Beacon as a **solution that can run alongside in-house and vendor risk management systems**. Rather than requiring a lengthy and complicated migration, our approach to integration front-loads commercial value by quickly delivering front office tools, such as consistent cross-business reporting and analytics, while gradually improving or replacing existing systems over time.

### About Beacon Platform, Inc.

Beacon is revolutionizing the financial services industry by empowering our clients' quantitative developer teams and business users like no other platform provider. With the Beacon platform, financial institutions of all sizes can leverage our 20+ years of experience in building enterprise-scale trading, analytics, and risk management platforms at some of the most successful financial institutions in the world. In addition to applications for front and middle office users, the Beacon platform includes cloud-based, secure sandbox infrastructure, a full suite of developer tools, and transparent source code to give our clients unparalleled power to own the full stack and achieve their business goals. Beacon was founded in 2014 by the senior technologists who worked with SecDB at Goldman Sachs and created Athena at JP Morgan and Quartz at Bank of America Merrill Lynch. Beacon has over 70 employees with offices in New York, London, and Tokyo.

[www.beacon.io](http://www.beacon.io)