

BEACON FEATURES OVERVIEW

<p>Foundation</p>	<p>Beacon is an open platform with transparent source code. We provide clients with end-user applications and an enterprise class development and production environment. The platform includes automated testing and software development controls.</p>
<p>Installation</p>	<p>Local, hybrid, or cloud install is available. Beacon infrastructure is built for direct access to elastic cloud compute and data storage. All Beacon applications, including developer tools, are web applications. The best-supported browser is Chrome.</p>
<p>Hardware</p>	<p>With a hybrid or cloud install, hardware costs are reduced or eliminated. Beacon manages largescale parallel grid compute and elastic cloud infrastructure to spin up resources as needed. Clients only pay for what they use. The result is fewer constraints and lower cost for experimentation and innovation.</p>
<p>On demand extension of functionality</p>	<p>Beacon provides the framework and developer tools to add new functionality in a controlled and scalable environment. Clients retain the intellectual property of any proprietary analytics or functionality they develop on the platform themselves.</p>
<p>Integration with other systems</p>	<p>Straightforward integration with customer’s 3rd party and in-house proprietary libraries, applications and data. Beacon pulls in data from multiple systems so that clients can automate calculation workflows and generate comprehensive business analytics. Beacon has API integration support and lots of experience hooking into external systems for bi-directional communication.</p>
<p>Upgrade process</p>	<p>Daily, incremental updates that improve functionality gradually. We take backwards compatibility seriously. We work with our clients in advance so that production systems aren’t impacted. Prior to release, each update is subject to rigorous tests both on Beacon’s side and on the client side. Clients can add their own tests. Each update is only released to client’s production environment after all tests have passed. The test-and-release process is fully automated.</p>
<p>Data Management</p>	<p>Beacon provides an data warehouse integrated with analytics and a powerful dependency graph framework. The platform offers a comprehensive solution for ingesting, processing, storing, and using data. Beacon’s “single source of truth” framework gives clients centralized and transparent organization of data management functions, ensuring data quality, consistency and “plug-and-play” use of data. Integration to an existing “data lake” is possible.</p>
<p>Data Import and Export</p>	<p>Beacon provides an abstraction layer to data sources and data access, which facilitates integration with a variety of databases, including NoSQL (MongoDB) or SQL DBs. Market interfaces provide one right way to access data and a clear separation between data and logic. Bi-temporal data storage gives users access to any previous state of data in Beacon –including market data, reference data, and trade data. Connectivity to Bloomberg BPIPE and Data License comes out of the box, with customization to in-house systems available as well. Getting data FROM Beacon: External access to data that is stored in Beacon is possible through various APIs, Remote Procedure Calls, database links and calls, message busses, and file transfers. Getting data OUT OF Beacon: There are many ways to push data from Beacon to external systems, including ftp upload, API call on server, HTTP service, or setup server to stream data in real time.</p>
<p>Pricing Models</p>	<p>Beacon offers comprehensive product coverage and is committed to continuous development of additional products to support clients needs. Our clients in-house developers can also create new instruments and make them available in Beacons applications like Quote Tool and Structuring Tool for seamless integration with pre-trade analytics, pricing, booking, and reporting workflows. Beacon’s models can integrate with external pricing and risk libraries.</p>

Pricing Customization

All of Beacon’s business logic and code - including instrument definitions and all risk calculations - are open and accessible to our clients. Our team has substantial experience working intimately with front office users at the world’s most successful investment banks. Our interaction with front office users revolves around a deep commercial-technical discussion, and we provide quantitative and developer support and training in the use of our tools and applications.

Beacon Applications

Beacon provides one platform for booking and enterprise risk management with a consistent set of data, reports, and analytics in real time. Beacon makes it possible for clients to have intraday visibility of consolidated risk, enabling superior risk management and return on capital.
 Complete Trade Lifecycle: Beacon integrates front office, middle office, and operations with strong workflow management tools, including a full audit trail.
 Beacon’s booking capabilities support both vanilla and complex strategies, and include the following features: cross-asset coverage, real time pricing and booking, Excel integration, trading strategy generation, and advanced analytics.

Implementation Approach

Beacon’s approach to implementation is to achieve a fast, controlled deployment with business and developer teams working together. The key elements of our approach include:

- Upfront Planning
- Predefined Milestones
- Committed Timelines
- Scope Flexibility & Accommodation
- Iterative Development (in Sprints)
- Sprint Planning
- Task Management (in JIRA)

Beacon is committed to adhering to project workstreams, being transparent on the progress of deliverables, and making sure that key milestones are met. Including regular meetings and progress reports as part of our approach ensures overall project success.
 Beacon is unique as a vendor because we enable an organizational model, in which a team can own the whole stack from core code all the way through to IBOR applications. When a single team comprising of Beacon and/or clients developers sits next to users, we can develop requirements quickly, iterate, and perform front-line support. As a result, our clients benefit for more commercially valuable end user applications, a higher ROI, and lower maintenance costs compared to traditional vendors.

Support

Beacon’s support tiers, SLAs, response/resolution times, and escalation are categorized according to severity level. Beacon offers support 5x24 for follow the sun coverage (US / Europe / Asia).

Commercial

Beacon Licensing

- Enterprise License: Annual Beacon software and platform license
- Beacon User License: Per user license fee for Developer, Quant and End Users
- Managed Services Support based on annual license fees for managing infrastructure
- Implementation: One time investment

Beacon Culture

Beacon’s founders have spent their careers building teams of excellent developers. We understand both the technology, the business, and how to connect the two. Beacon has a developer-centric culture, with managers who code daily and contribute to product development. Beacon’s employees take pride in our collegial atmosphere, flat management hierarchy, and solutions-oriented mentality. We strive to empower and support our clients in everything we do.