Secure, Scalable Cloud Migration Solutions for Financial Services

Optimize performance and shift resources from infrastructure to innovation with a proven cloud migration roadmap and an array of data management and security tools to ensure reliable performance.

Looking For a Safer and Easier Path to the Cloud? We've Got It.

"By using Beacon Platform we are increasing the speed of our innovation cycle and driving down the cost to explore our data and leverage our analytics."

Dirk Manelski, Managing Director,
Chief Technology Officer, PIMCO

Scalable performance, real-time analytics, and resources on demand are significant benefits of cloud-native systems – but the vast array of cloud tools and providers, each offering part of the solution, can be overwhelming. With expertise in every phase of cloud migration, Beacon's all-in-one platform equips clients with everything they need to securely migrate data, development, and applications to the cloud.

Beacon's Cloud Migration Solution is grounded in market realities. From assessing feasibility to crafting cloud-native applications, our experienced teams are there to support your journey, ensuring an efficient and scalable cloud strategy that minimizes disruptions and maximizes security.

Challenge

Meeting the high demands for performance and scalability, managing the intricate process of migrating apps and algorithms without disrupting operations, and navigating the complexities of data security, privacy, and regulatory compliance.

Solution

Beacon's step-by-step Cloud Migration Solution is a comprehensive, multi-cloud and cloud-agnostic approach that simplifies and accelerates the journey for capital markets players. Backed by the company's wealth of experience in cloud migration for capital markets, our dynamic approach minimizes costs, eliminates vendor lock-in, and optimizes resource allocation.

Result

More than just a shift to the cloud, Beacon's open and collaborative platform integrates with existing systems and data, reducing operational complexities and helping clients accelerate time to value. The extensible foundations enable clients to ask more questions, get faster results, and derive deeper insights into existing positions and investment opportunities. Distributed computing enables faster simulations and larger sets of what-if scenarios. "Never delete" bi-temporal data model ensures reproducibility and satisfies audit and regulatory requests.

Your All-In-One Cloud Platform

Enhance Security and Regulatory Compliance

Clients gain confidence in their cloud infrastructure's security, compliance, and data protection. Beacon Platform establishes secure transit and storage for data, safeguarding operations. Zero-trust environment, layered defenses, and single web service interface significantly reduce attack surface. Identity-based access control enforces policy and permissions.

Deliver Robust Fault Tolerance and Disaster Recovery

Deploy with comprehensive backup and data recovery plan, including geographic restrictions and multi-region failover. Automated backup and data snapshot processes run regularly to maintain business continuity and provide for emergency recovery if necessary. Containerized workloads can be destroyed and recreated to recover from critical failures and quickly return to service.
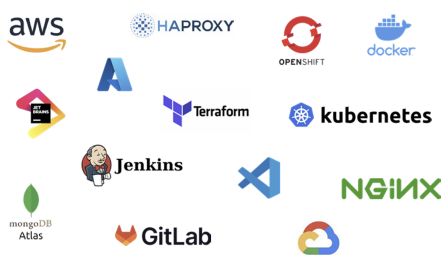
Improve Risk Mitigation and Management

Step-by-step approach and vendor orchestration simplifies and streamlines complex migration processes, reducing migration and operational risks. Infrastructure as code and automated provisioning improve consistency and reduce risk of human error. Code versioning and bi-temporal data storage enable easy rollback and reproducible results.

Beacon Cloud Migration:
Design, Deploy, Operate

Move to the cloud with confidence.

beacon	DIY
Design for scale, operational, and regulatory needs from the beginning	
• Evaluate & Plan Migration • Understand Cloud Security • Adapt to Rules & Regulations • Architect Cloud Infrastructure • Transform Applications • Design Scalability & Load Balancing	
Deploy cloud infrastructure, developer tooling & operations with confidence	
• Set Up Environments • Configure IDE for Cloud • Integrate or Migrate Databases • Implement APIs & Microservices • Containerize Applications • Adopt Infrastructure as Code (IaC) • Establish CI/CD Pipeline • Set Up Batch Computing • Build User-Centric Applications	
Operate securely and optimize for cost, performance, and results	
• Plan Risk Management & Mitigation • Enhance Security & Identity • Centralized Logging & Monitoring • Ensure Backup & Disaster Recovery • Execute Phased Migration • Monitor & Optimize Costs	

Cloud Migration Success Stories

• Major bank migrating away from legacy in-house system that could not support desired new fund offering – now able to implement calculations for bespoke instruments, scale up compute pools as and when required, improve collaboration between traders and risk managers, and launch new actively managed commodities fund

• Large asset manager transforming massive analytics spreadsheets into scalable and shareable cloud-powered tools, increasing the scale and speed of their analytics and boosting returns

• Multinational bank enhancing operational scale and efficiency by consolidating diverse range of pricing and risk management libraries, improving calculation time for end-of-day reports from 20 hours to as-needed, including more granular intraday analyses.

Discover efficiency, security, and a competitive edge with cloud-native Beacon Platform. To learn more about Beacon's cloud migration and other ways that we can help, contact your Account Manager, fill out our contact form, or email info@beacon.io