Managed Cloud Ops

For clients looking for help managing their Beacon Cloud domain, Beacon's Managed Cloud Ops include the monitoring, scaling, and upgrade management necessary to free up resources for more strategic activities.

Cloud Management Taking Too Many Resources? We Can Manage That.

For clients looking to **shift more resources from infrastructure to innovation**, Beacon offers Managed Cloud Ops.

This premium service add-on enables clients to **take a more hands-off approach to cloud infrastructure management** and helps their quants and developers spend more time on strategic opportunities.

Managed Cloud Ops are **available for both Beacon-hosted and client-hosted domains,** so there is no need to migrate to a different environment.

Challenge

Internal developers and quant resources are spending too much time on infrastructure management tasks, slowing development and deployment of important capabilities.

Solution

Managed Cloud Ops from Beacon's experienced and scalable support organization, including capacity monitoring, horizontal and vertical scaling of cloud servers, and upgrade management for platform components and storage. Services are available for both Beacon-hosted and client-hosted domains, so there is no need to migrate to a different environment.

Result

Allocate resources more effectively – access experienced Beacon personnel, eliminate the need to hire and train people to manage cloud infrastructure, ensure that services are running at the optimal scale, and stay current with cloud technologies.

Advanced Cloud Operations

Increased developer & quant productivity

Let developer & quant teams focus on higher value tasks. Beacon already knows the platform and has the experience to appreciate your workflows, understand your domain, and keep everything running smoothly and securely. Increased developer & quant productivity

Advanced monitoring & optimization

Work at the optimal scale for your projects. Beacon monitors your capacity demands for processing and storage, ensuring that you have the cloud services you need when you need them.

Flexible & accessible scaling

Confidently enter new markets and grow your business with support that scales. Beacon adapts and adjusts to deliver the resources you need when you need them with around the clock support.

Effortless maintenance & upgrades

Beacon keeps foundational platform components up to date with the latest supported and tested software, creates regular backups, and routinely refreshes all hosts with the latest security updates.

Beacon Deployment and Management Options:
You Choose, We Serve

Our philosophy on cloud infrastructure management is simple: we provide multiple hosting, deployment, and management options, **available for both SaaS and PaaS deployment**, so that you can select the best option for your business today, and migrate to a different one in the future with our support.

		Beacon Incident Management & Infrastructure Support	Beacon with Managed Cloud Ops
Infrastructure Management	Provision and scale elastic compute pools	Client	Beacon Platform
	Size and manage database and cloud storage	Client	Beacon Platform
	Create regular backups	Client	Beacon Platform
Security	Refresh and rebuild all hosts periodically	Client	Beacon Platform
	Install security patches and urgent software updates	Client	Beacon Platform
	Identify and remediate CVEs impacting platform	Beacon Platform	Beacon Platform
Monitoring	Track memory and CPU utilization of all hosts	Client	Beacon Platform
	Track capacity of all cloud storage	Client	Beacon Platform
	Manage custom integrations with other systems or vendors	Client	Client
Incident Management & Support	Triage, investigate, and resolve reported incidents as per SLA	Beacon Platform	Beacon Platform
Software & Application Upgrades	Upgrade to latest tested and supported versions on servers	Client	Beacon Platform
	Deploy new or upgraded Python libraries and packages	Client	Beacon Platform
	Validate client-developed code, including performance testing	Client	Client

= Client

= Beacon Platform

To learn more about Beacon Managed Cloud Ops, contact your Account Manager, fill out our contact form, **or** email info@beacon.io