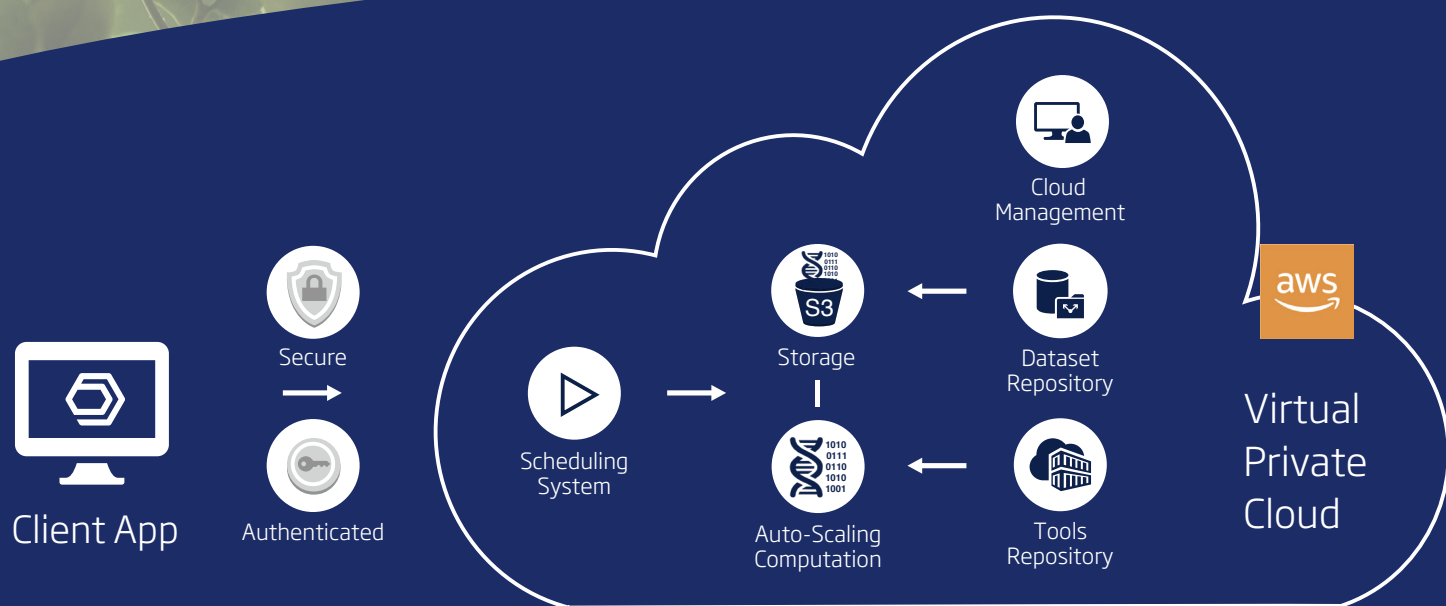# OMICSCLOUD

Your Economic Private Cloud. Secure, Powerful, Reliable

OmicsCloud

An AWS based cloud platform for scalable bioinformatics analysis. Our solution provides a performant, highly optimized and self-managed HPC system at the minimum expense for your daily analysis tasks.

biobam
BIOINFORMATICS SOLUTIONS

BioBam Bioinformatics S.L.
Contact: cloud@biobam.com
Support: support@biobam.com

aws partner network
Standard
Technology
Partner

Our Cloud Solution

Scalability

Run efficiently hundreds of jobs in the cloud using a fully managed processing service, at any scale.

Security

AWS VPC connectivity options allow private or dedicated connections from your office or on-premises environment. Data is encrypted in transit across all services.

Tools Repository

Enables full control over the tools and versioning of algorithms. Use Docker software containers to deploy own or third party tools and algorithms with Git and AWS ECR.

Data Repository

Offers high speed access to large datasets required by your algorithms via AWS S3.

Cost Efficiency

We assure the highest cost efficiency with a managed AWS account and a pay-as-you-go approach based on spot instances.

Management

Maintain the Cloud System from the web. The system allows you to monitor the usage, deploy new algorithms, and update data resources.

OmicsBox Front-End

Use OmicsBox as data exploration platform to run single algorithms or entire workflows in the cloud. The OmicsBox SDK allows to create your own OmicsBox Apps.

REST API

Schedule jobs and and recover analysis results via secure API calls. Integrate your existing processes with the platform.

Minimize your TCO - Our pricing options

Set Up

One-time payment for the installation and configuration of the system.
Please ask us for an individual offer.

AWS Infrastructure

Pay per use. Only pay the AWS resources you actually use.

Support Plan

Depending on your monthly AWS spendings.

Custom integrations

Optionally, our engineers can help integrate your systems and current pipelines with customized solutions.

Please contact us for a personal offer