ALGORITHMIA
enterprise

Deploy enterprise AI at scale
Host, monitor, discover & scale your organization's algorithm portfolio.

Data Scientists

Go from experiment to production in one click, and vastly expand your algorithm catalog.

Software Developers

Discover, reuse, and remix algorithms and services from across your organization.

System Admins

Gain deep system-wide and user-specific metrics and automate scaling across workers.

What is Algorithmia Enterprise?

Algorithmia Enterprise is the foundation layer for intelligent software. It enables organizations to centralize and productionize their models in a cohesive workflow.

Companies use the discoverable registry for live algorithms from across teams and technology stacks, making any piece of code instantly available as a production-ready microservice. Algorithms range from your internal functions and machine learning models to third-party state-of-the-art contributions from university labs and independent researchers. Algorithmia Enterprise makes every version of every algorithm accessible as a unique, versioned, low-latency and highly-reliable REST API endpoint that horizontally scales on-demand and ready to be integrated with any app, internet-connected device, or ETL pipeline.

The software runs behind your firewall as a Virtual Private Cloud (VPC) or a dedicated on-premises cluster. It enables data scientists and application developers to experiment and deploy faster than ever, all while building up their internal algorithmic intelligence capability as a strategic asset.
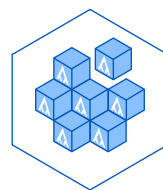
Privately Host
Write your function or AI model in any programming language, framework, or infrastructure.

Make Your Algorithms Discoverable
Name and describe your function, making it available in a central catalog where your peers can easily discover and reuse it.
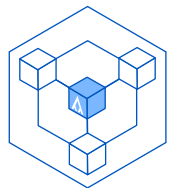
Automated Scaling
Expose your function as a highly-reliable versioned REST API that automatically scales from one to thousands of requests per second.

Monitor Everything with Ease
House thousands of functions under one roof with a uniform REST interface and a single cluster monitoring dashboard.

Compatible

Use Git and write functions in Java, Scala, Python, Ruby, NodeJS, Rust, or R. Algorithmia Enterprise is stack-agnostic and compatible with your current workflows and IDE. The REST API nature eliminates any interoperability challenges.

Composable

Combine, pipe, and remix functions to create new solutions, allowing you to connect functions from different technology stacks. Individuals and teams will build on each others' work instead of re-inventing the wheel.

Discoverable

Categorize, tag, and describe functions in a searchable format. Individual contributors are able to find, evaluate, and integrate the work of their peers.

Versioned

Publish functions as versioned API endpoints. Each version of a single function is available as a unique REST API endpoint, concurrently, eliminating backward-compatibility challenges and breaking changes.

Best-in-Class

Cherry-pick the latest algorithms from the public marketplace that are written by world-class researchers. Instantly expand the tool chain of your internal developers and scientists.

Scalable

Automatically scales up or down in response to fluctuating throughput needs. Substantially reduce data center costs by avoiding over-provisioned clusters.

Deep Learning

Horizontally deploy and scale deep learning models over GPU clusters. Effortlessly transform complicated models to universal REST APIs.

Secure

Monitor cluster-wide health metrics and user-specific audit trails. Algorithmia Enterprise can be configured to meet the most stringent data security policy.

Supported

Algorithmia Enterprise is the technology behind the largest algorithm marketplace in the world and offered with 24x7 hands-on engineering support.

About Algorithmia Enterprise

Our mission is to make state-of-the-art algorithms discoverable and accessible to everyone.

Algorithmia Enterprise is the underlying technology behind Algorithmia.com, the largest marketplace for algorithms with more than 50,000 developers and 3,500 algorithms. Developers and scientists use Algorithmia.com to turn their algorithms into production-ready microservices with a single click, no matter what technology stack they use. We help those developers distribute and commercialize their work, while helping other developers and organizations discover, integrate, and extend algorithms to create new solutions.

Find out how Algorithmia Enterprise can help you.

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🌐 VISIT US
algorithmia.com/enterprise

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