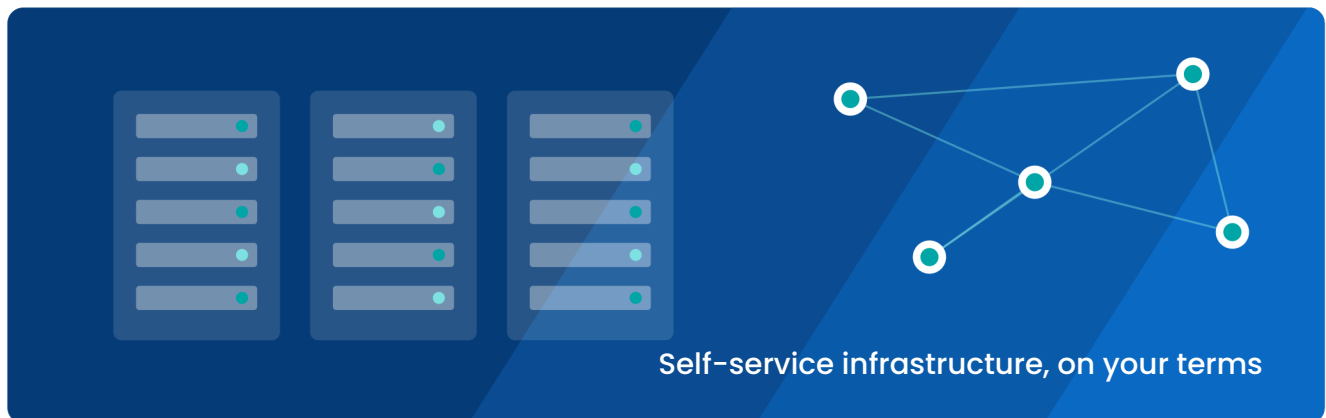


AEL Cloud Management Platform



At a glance

- Self-service portal to create and manage virtual machines in minutes
- Linux and Windows workloads side by side
- Private, isolated networks for every team
- Public-facing IPs on demand for any machine
- Persistent storage that survives restarts and rebuilds
- Highly available design with no single point of failure
- GPU-class compute for data and AI workloads
- Built-in MLOps for the full machine learning lifecycle

Overview

Do your teams wait days for infrastructure that should take minutes? Do projects stall on tickets, approvals and hand-offs before a single line of work begins?

The AEL Cloud Management Platform gives every team on-demand access to compute, storage and networking through a single, easy-to-use portal. Users launch the machines they need, connect them to private networks, attach storage and make them reachable — all without raising a request.

Built entirely on AEL's own infrastructure, the platform keeps data in-house while delivering the speed and flexibility of a public cloud. A highly available control layer, GPU-class compute and integrated MLOps tooling make it a single foundation for business applications, analytics and AI.

From everyday application servers to large-scale model training, the AEL CMP scales with the work — and puts the infrastructure in the hands of the people who use it.



Features

Self-Service at the Core

A clean web portal puts the full platform in users' hands. Launch, stop, resize and delete machines, view live console output and connect directly from the browser — no client software required.

Role-based access keeps each team to its own projects, with a command-line and API interface for automation and scripting.

Flexible Compute for Every Workload

Run Linux and Windows machines on the same platform. A range of ready-made sizes — from small development machines to very large 64-core, 128 GB instances — covers everything from test servers to heavy analytics.

Machines can boot from a catalogue image or from a persistent disk, with support for both legacy BIOS and modern UEFI operating systems.

Secure, Isolated Networking

Every team gets private networks isolated from everyone else's. Virtual routers provide outbound access, and public IP addresses can be attached to any machine in seconds when it needs to be reachable.

Per-machine firewall rules control exactly what traffic is allowed in and out.

Persistent, Flexible Storage

Create storage volumes on demand and attach them to running machines without downtime. Thin provisioning makes efficient use of capacity, and volumes can be backed up to central storage for protection.

Images and Automation

A central image catalogue provides ready-to-use operating systems. Capture any running machine as a snapshot and reuse it as a template for new deployments.

Template-driven orchestration deploys complete multi-machine environments in a single step, repeatably.

Built for Resilience

The control layer runs across three independent servers behind a single address, with clustered database and messaging services. If one server fails, the platform carries on.

MLOps with Kubeflow

An integrated machine learning environment covering the full model lifecycle:

- Jupyter notebook workspaces for data scientists
- Repeatable training pipelines
- Automated hyperparameter tuning
- Model serving with autoscaling

Backed by GPU-class compute, teams move from experiment to production on one platform.

Easy Migration and Operations

Existing virtual machines can be moved onto the platform with a proven migration path, already used for production business applications.

Monitoring dashboards and documented operating procedures keep the platform healthy and predictable.

Why AEL CMP

Faster

Infrastructure in minutes, not days

In-house

Data stays on AEL's own infrastructure

One platform

Business apps, analytics and AI together