

CUSTOMER STORY

Consolidating Pan-European IT Infrastructure with Hystax Acura

How Hyundai AutoEver Europe migrated heterogeneous workloads across a dozen countries to a private OpenStack cloud.

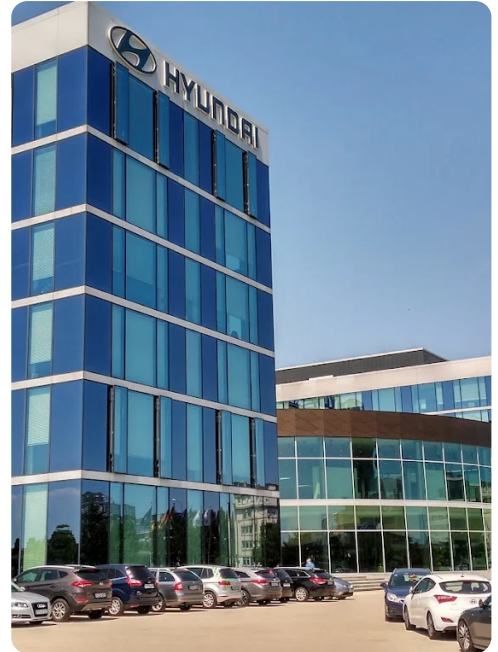
ORGANIZATION Hyundai AutoEver Europe GmbH — IT arm of Hyundai Motor Group (HMG) in Europe, supporting Hyundai, Kia, Mobis, Glovis & other HMG brands	SOLUTION Hystax Acura (Cloud Migration)
INDUSTRY Automotive / IT Services	REGION Europe (HQ: Offenbach, Germany)
SCALE 120 VMs — Phase 1; 1,000+ VMs planned	SOURCE → TARGET VMware, Hyper-V, physical → Centralised OpenStack Private Cloud



Business Challenge

Hyundai AutoEver Europe GmbH serves as the dedicated IT company for Hyundai Motor Group across the entire European region — supporting Hyundai, Kia, Mobis, Glovis, and other HMG brands. Each subsidiary maintained its own on-premises infrastructure: physical and virtualised servers running VMware, Hyper-V, or other hypervisors, spread across Italy, Poland, the UK, Belgium, and beyond.

As the group's footprint grew, management identified a critical security risk: local server environments in subsidiary offices did not meet HMG's standards. The decision was made to consolidate everything into a centralised private cloud in Germany — and to close all regional on-premises data centres.



Why Hystax Acura

Hyundai AutoEver Europe first heard of Hystax through an internal recommendation within HMG, which highlighted Acura's strong compatibility with OpenStack. Onboarding sessions with the Hystax team helped the System Integration team get started quickly, and the migration project moved forward from there.

WHY ACURA

A single tool for VMware, Hyper-V, and physical sources — with native OpenStack support built in from day one.

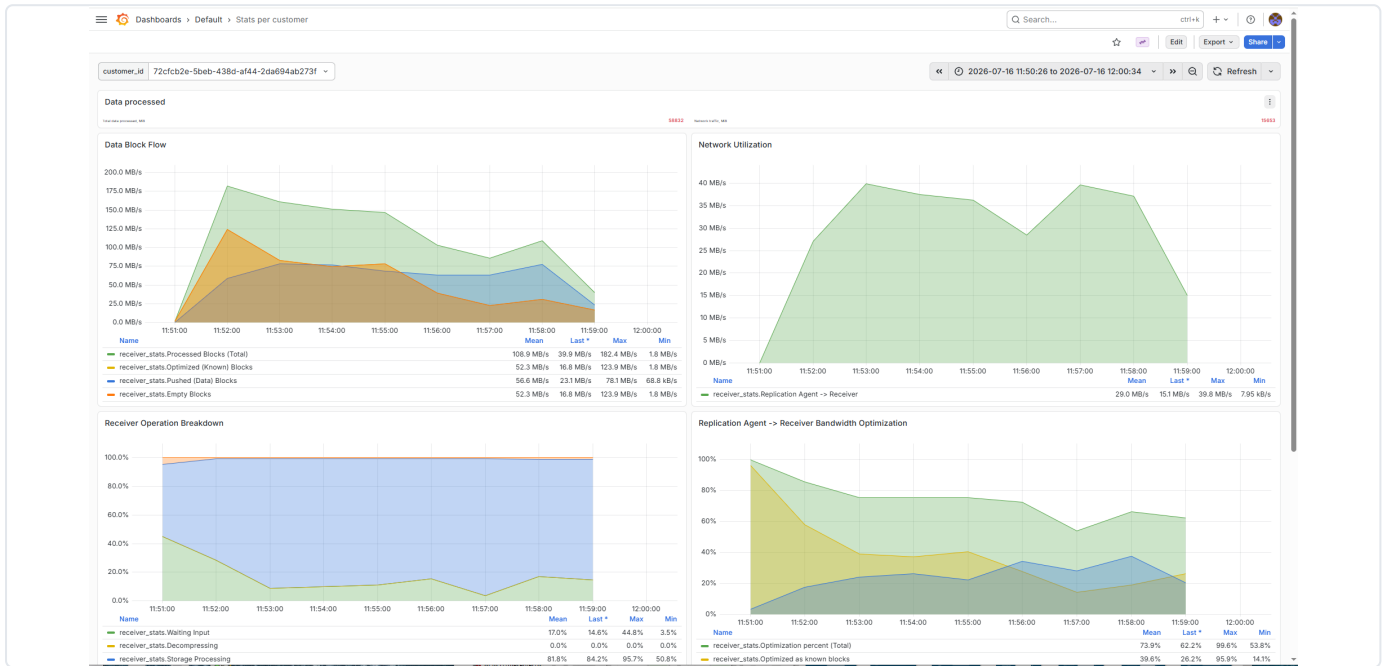
The Hystax Acura Solution

The source environment was deliberately heterogeneous: physical servers and virtualised workloads running VMware vSphere and Microsoft Hyper-V across a dozen European countries. Acura's ability to handle mixed hypervisor sources in a single unified workflow — without requiring separate tooling per platform — was a decisive advantage for the System Integration team.

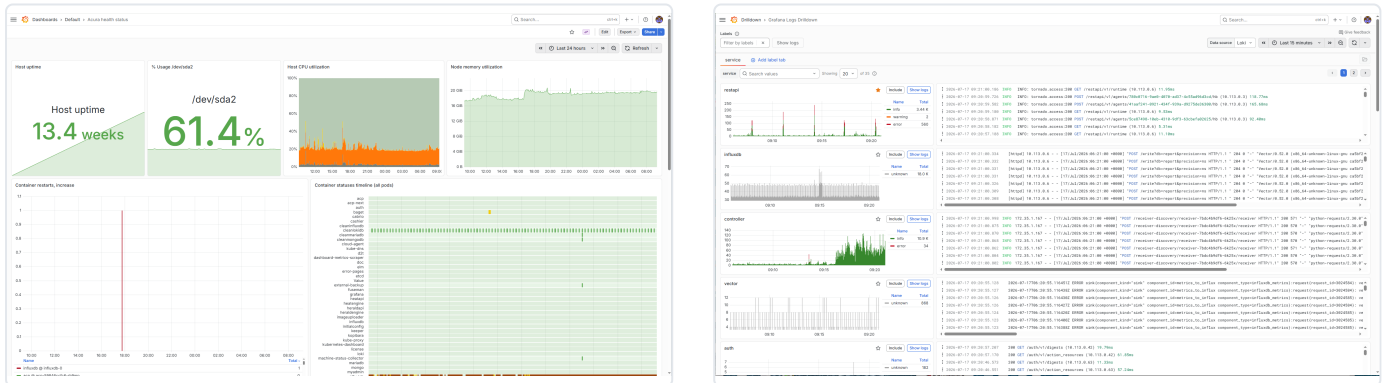
Acura's portal offers several ways to build a migration plan — through the graphical interface, via JSON-based plan definitions, or entirely through the API. The System Integration team made use of the JSON option built into the Acura portal, which gave them precise, granular control over network parameters, subnet assignments, availability zones, and OpenStack flavors for their specific environment.

Logging & Observability

One aspect of Acura that the team highlighted was its detailed logging capability, accessible via Grafana. Every action performed by Acura is captured and structured in a self-explanatory way — providing full traceability of each migration step.



Grafana dashboard — data block flow, network utilisation and bandwidth optimisation per customer



"The logging is really good — very detailed and self-explanatory. Once you get comfortable with Grafana, exporting and analysing logs becomes really straightforward."

Rathnakara Padubidri Dhananjaya

Head of System Integration Section, Hyundai AutoEver Europe GmbH

Results & Impact

Single platform for diverse sources

Acura handled VMware, Hyper-V, and physical server sources in one unified workflow, eliminating the need for multiple migration tools.

Complete migration traceability

Grafana-based logging provided full visibility into every step, enabling fast diagnosis and resolution of issues.

Scalable methodology

The approach validated in Phase 1 (120 VMs) is designed to scale to 1,000+ VMs when the main HMG data centre in Germany is decommissioned.

Outstanding support

The Hystax support team was specifically praised for being knowledgeable, responsive, and genuinely helpful throughout.

Looking Ahead

Phase 1 covers roughly 120 VMs from subsidiary offices across Europe. The much larger Phase 2 — migrating the 1,000+ VMs hosted in Hyundai AutoEver's own German data centre, which is being fully decommissioned under new group-wide instructions — is planned to begin once initial planning across multiple country IT teams is complete.

Having proven the approach at a smaller scale first, the System Integration team is well positioned to carry the same migration methodology — and the same tooling — into this next, much larger phase.



"Acura took some learning, but once the team got the hang of it, we really valued how well it handled OpenStack — and the Hystax support team's genuine helpfulness made a real difference throughout."

Rathnakara Padubidri Dhananjaya

Head of System Integration Section,
Hyundai AutoEver Europe GmbH



ABOUT HYSTAX

Hystax delivers cloud infrastructure software for migration, disaster recovery, and backup (Hystax Acura), FinOps (OptScale), and AI governance (OptScale AI). Acura is purpose-built for large-scale, heterogeneous migrations with deep native support for KVM-based platforms.

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