



CASE STUDY

How CGM successfully migrated over 5,000 VMs between their OpenStack-based platforms in a couple of months using Hystax Acura



EXECUTIVE SUMMARY

CompuGroup Medical (a company delivering e-health solutions for providers, hospitals, laboratories, etc.) has recently used the Hystax cloud migration tool, Hystax Acura, for their migration project. Since they use different cloud platforms based on OpenStack, the company required reliable and seamless VM migration from one OpenStack cloud to the other.

Hystax Acura, a fully-automated software tailored for digital transformation projects, effortlessly facilitated the successful migration of critical workloads between these clouds.



THE GOAL

The company was tasked to migrate 5,000 VMs from one of the OpenStack clouds to another without experiencing downtime and loss of critical IT workloads. CGM needed a secure and reliable software solution with consistent replications and an orchestrated launch to execute that goal.



THE CHALLENGE

The CGM company needed a solution to migrate the required VMs securely between OpenStack-based platforms with no data loss and within a set timeframe. However, not all migration tools can cope with a sophisticated, dynamic, and evolving platform like OpenStack. Moreover, a few vendors in the software market provide a fully-automated cloud migration solution, eliminating the need for manual process adjustments.



THE SOLUTION

CGM explored numerous migration solutions, but only Hystax Acura fulfilled all the criteria.

Hystax provided CGM with:

- ✔ Simple migration with a few clicks, either utilizing preset configurations or crafting personalized migration plans.
- ✔ Fully-automated, reliable, safe, and versatile software - Hystax Acura Live Cloud Migration out of the box.
- ✔ Availability of a specific feature called Hystax OpenStack Sync. This option enables replicating VM data and metadata by a standard lift-and-shift approach and significant parts of the infrastructure, like security groups, routers, or critical pairs. This happens by syncing the entire OpenStack project; no other vendor can offer this.
- ✔ Isolated solution, running only on the customer environment without access to the internet.



THE RESULT

By using Hystax Acura Live Cloud Migration software, CGM succeeded in migrating over 5,000 VMs in only a few months without interruption of their business processes and, hence, no negative impact on their business processes.

Hystax Acura ensured a continuous replication of the workloads across various OpenStack clouds for CGM, ■ allowing an unlimited number of test migrations, ■ orchestrating the launch of business applications on the target site, ■ providing isolated infrastructure for customer security, ■ supporting a cloud orchestration, ■ managing dependencies between components, and ■ facilitating agentless zero downtime migration without data loss.



ABOUT CGM

CompuGroup Medical is a prominent global e-health company providing trusted software solutions and services to enhance health and quality of life for providers, hospitals, and laboratories. CGM is pivotal in fostering collaboration among physicians, health insurance entities, laboratories, rehabilitation and care facilities, and hospitals, facilitating optimal patient care.



ABOUT HYSTAX

Hystax was founded in 2016 by a seasoned team of entrepreneurs and engineers with a mission to address digital transformation challenges by introducing **disaster recovery/ backup, cloud migration solutions**, and a **FinOps & MLOps open source platform**, which allows running ML/AI or any type of workload with optimal performance and infrastructure cost by profiling ML jobs, running automated experiments and analyzing cloud usage. Hystax is currently the solution for PwC, Ives Rocher, Nokia, DHL, Airbus, and other iconic brands for cloud migration, disaster recovery/backup projects, and FinOps adoption.