



How one of the biggest global shipping companies cut its cloud bill up to 28% immediately



Executive Summary

Currently non-tech companies are getting more and more involved in cloud computing technologies. Leveraging Microsoft Azure platform for 300+ virtual machines, a world's top shipping company was spending over \$80K monthly on a cloud environment. Hystax OptScale helped the company reduce cloud spending by 28% in two weeks after login and accelerate the adoption of FinOps principles. Hystax delivered a deeper understanding of the company's cloud usage, leading to a significant cost optimization.



The Goal

The goal is to provide an R&D department with full transparency over cloud usage and clean-up resources in time to prevent cloud budget wastage, set budgets and allocate cloud spending across teams and projects.



The Challenge

Trying to set up a cost-efficient MS Azure environment the team faced the following challenges:

- Incomprehensible cloud resource ownership. Complex MS Azure bills structure makes it a challenge to identify the sources of cloud costs and wastage.
- Underutilised and idle resources leading to monthly overspends. Without proper tagging and smart TTL rules it is almost impossible to get full control over cloud resources lifecycle and costs.



The Solution

Hystax OptScale is a SaaS solution that helped the company to enable FinOps adoption in order to get full transparency and cost savings addressing the most common challenges with the following features:

- **TTL and cost constraints setting, flexible thresholds and reports**
Real-time budget exceeds alerts, resource tagging and custom automatic assignment rules provide the R&D department with an opportunity to take their cloud bill under full control. The company managed to forecast and detect overspending issues before they even occur.
- **Cloud health monitor & availability zone score**
Hystax OptScale analyzed the company's cloud patterns with constant monitoring of price, performance, availability and capacity and identified the most relevant regions to use. OptScale generated an internal AZ score and recommended resource relocation and assisted with resource provisioning.
- **Simple cloud cost analytics and explorer**
Intuitive cost explorer made cloud management and budget control a straightforward process, enabling the company to monitor cloud spend and achieve full cloud costs transparency across all cloud resources.

The Result

Hystax OptScale identified all unnecessary data transfer between various MS Azure regions and suggested the best location in terms of price, capacity and availability to optimize data locality and cut costs. Smart TTL constraint helped to take under control resources lifecycle and set proper and cost-efficient resource management. The process of defining a resource owner has become as simple as never before. All the FinOps practices implemented into the cloud optimization process saved up to 28% of the company's monthly MS Azure bill.



About Hystax    

Hystax is a leader in FinOps and CloudOps software with OptScale product as a unique SaaS offering FinOps enablement at businesses of all sizes. The company is a leader in cloud migration and cross-cloud disaster recovery with more than 80,000 machines migrated and over 5,000 machines protected globally. Hystax has Airbus, Orange, Teekey, Burger King and Nokia as customers.