

Data center migration

Migration of 150 servers to Azure completed in 12 months.

Industry: **Cloud Services**

*Image for illustrative purposes only

Summary

Digital transformation and service modernization for a data center, migrating infrastructure to the Azure public cloud.

Key challenges

- Evaluate the benefits of the public cloud and compare providers (AWS, Azure, and KIO).
- Modernize services to achieve better scalability.
- Fully adopt Azure as the primary data center within a 12-month timeframe.
- Conduct a comprehensive analysis of the 150-server infrastructure to define migration stages.

Approach

A comprehensive evaluation of the current infrastructure setup, obtaining hybrid benefits through the new licensing structure during migration, and optimizing costs through increased computing power and proactive monitoring. Guidance was provided for Microsoft Cloud adoption with certified engineers (Azure Administrator and Azure Security Specialist), including initial testing, the security model, migration, and low-latency connectivity with ExpressRoute.

Results

- The client moved from a monthly to an annual payment model.
- Significant security improvements in critical services.
- Support and guidance for all Azure services.
- Improved SLAs to the client's end customers.
- Improvements in server and service performance.

Technologies used

Cloudamize

Azure Sentinel

Azure Monitor

ExpressRoute

Check Point

IaaS

PaaS

Conclusion

Optimal access and use of the services implemented in the public cloud, with a more secure, scalable, and cost-efficient platform.