CASE STUDY

Powered by Ampere: Mikomax Goes Hybrid from On-prem to MAIN Private Cloud

OVERVIEW

Choosing the solution – from on-premises infrastructure to outsourcing.

In 2022, Mikomax purchased IFS Cloud software. While looking for an optimal technological solution for this platform, the company rented servers from EIP S.A. – a hardware distribution company belonging to the same capital group as MAIN.

AMPERE PRODUCTS USED

- Ampere® Altra® Processors
- HPE ProLiant RL300 Gen11 server

ENGINEERING SOLUTION

A new IT environment was created by the MAIN team and verified by the Mikomax IT team for the PoC. After extensive testing of MAIN's infrastructure with the HPE ProLiant RL300 powered by Ampere processors, the successful PoC demonstrated that the environment ran smoothly, and most importantly, provided high performance.

Mikomax chose MAIN's Private Cloud solution with virtualization and Oracle Linux for the database. The production environment includes the HPE ProLiant RL300 Gen11 servers with Ampere processors, configured into a cluster for high availability and an HPE Alletra Storage MP array (with NVMe drives) dedicated to these servers.

This is the first launch of a production environment on servers with Ampere Altra CPUs and the first such implementation of the IFS Cloud in Poland.

BENEFITS

- Migrating resources to a professional data center guarantees i**nfrastructure reliability, high availability, and IT environment performance**. With the support of a team of specialists available 24/7, everything is maintained at the highest level, ensuring time savings and resource security, thus providing "peace of mind."

COMPANY DESCRIPTION

Mikomax, founded in 1991 in Lodz, Poland, creates offices tailored to the needs, requirements, and organizational culture of its clients. Mikomax cooperates with companies from all over the world. Since 2022, it has been part of Haworth, the world's third-largest manufacturer and seller of interior design products.

EIP Group created MAIN to service customers for IT infrastructure and data center services. Today MAIN focuses on quality cloud services and solutions including Private and Hybrid Cloud as well as Disaster Recovery, with full 24/7 support.

MAIN was the first provider in Poland to complete testing of the HPE ProLiant RL300 Gen11 servers powered by Ampere.

CHALLENGES

To find the best computing solution for IFS Cloud, Mikomax focused on three key aspects: environmental security, stability, and high performance. During testing, the client analyzed various options, including both in-house hosting and outsourcing. After thorough analysis and comparison of the available options, Mikomax concluded that outsourcing to MAIN Private Cloud would be the optimal solution.

"The PoC was tailored to the client's requirements, and they appreciated its high performance. Arm64 technology varies from the processors commonly used in data centers, so we paid special attention to the compatibility of the client's operating systems and applications with Ampere's CPU technology. We proposed a hybrid environment - virtual servers for Oracle databases placed on dedicated HPE servers powered by Ampere processors, while the rest of the environment runs on a shared environment on VMware vCloud in MAIN - these are both application servers and ones for management and reporting."

Wojciech Lewandowski Head of Cloud Engineering & Operations, MAIN

"The solution offered by MAIN is not only pioneering on a national scale but also perfectly suited to our needs. The high performance of the servers and arrays translates into the speed of Oracle databases and the acceleration of data processing on the IFS Cloud platform."

Arkadiusz Szafranski IT, Director, Mikomax

About Ampere

Built for sustainable cloud computing, Ampere Computing's Cloud Native Processors feature a single-threaded, multiple core design that's scalable, powerful, and efficient. Learn more

See our solutions for a variety of demanding workloads: amperecomputing.com/solutions

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