Micro Matic takes a quantum leap with next-generation data center

Micro Matic's IT department has taken a strategic quantum leap, replacing its traditional IT hosting with an enterprise hybrid cloud solution. Based on three next-generation solutions, the company's IT infrastructure is now completely integrated, adapted to Micro Matic's precise needs, and drives significant operational and resource savings.

With subsidiaries worldwide, Micro Matic is a global market leader in draft beer dispensers. Its data center, located in Odense, Denmark, serves all subsidiaries and consists of servers, storage, backup, security, and network. *"Hosting was at the core of our IT strategy for years,"* says Mikkel Thy Christensen, IT Operations Manager at Micro Matic. *"But over time, our hosting costs climbed as high as those of an on-premise data center, and the hosting solution did not support the business's requirements for lightning-fast scaling and high performance. So, we decided to look at everything with fresh eyes and research the market for new suppliers and technologies."*

Micro Matic wanted to find a more intelligent and agile infrastructure setup that the company would not outgrow after three to five years. The choice was between a new hosting agreement, a 100% cloud infrastructure, or a hybrid infrastructure. *"I am very much in favor of getting the right solution for the right company at the right price. Poor IT installations don't get better by moving them to the cloud. In fact, costs go up and response times get slower. That's why I was very keen to clean things up first, then map out the organization's needs, our installations' cloud readiness, and all the relevant solutions on the market,"* says Christensen.

Must work in the real world

Micro Matic took a structured approach and created an overview of its business and IT needs. Because managers wanted to keep IT competencies inhouse in order to respond rapidly to changing needs, for example, adding new servers, they eliminated hosting as an option. After an assessment of the company's entire IT installation revealed that older systems and machines meant their cloud readiness was about 80% at best, a pure cloud structure was also ruled out. *"We examined the pros and cons of the various solutions available on the market and evaluated them against 16 criteria on our wish list. The field of suitable solutions kept shrinking, because our ultimate choice must, above all, work in the real world. We ended up with two attractive hyperconverged infrastructure solutions,"* explains Christensen.

Alternative solutions that challenge preconceived notions

The infrastructure solution proposed by RanTek was the most surprising and intelligently designed. It combined three next-generation solutions from Nutanix, Cohesity, and Arista Networks to create an optimized, simplified, and automated infrastructure, both on-premise and in the cloud.

RanTek A/S is a Danish IT company with more than 20 years of experience. Along with our technology partners, we supply effective and reliable IT optimization solutions and create proven value and significant financial savings for our customers. Simplified, automated and protected.

"It was a big leap for everyone in the department, but there was no doubt that this solution was most forward-looking. RanTek excels at two things in particular. First, they challenge you by proposing alternative solutions. Instead of pushing us into a cloud-first solution, they thoroughly investigated how we work, right down to the nitty gritty. Second, they inspire a lot of confidence because they offer competent support at the highest level, and one point of contact."
Mikkel Thy Christensen, IT Operations Manager, Micro Matic A/S.

Lower costs, increased intelligence
The new enterprise hybrid cloud infrastructure is a quantum leap compared to the previous setup, providing 40% operational and 60% resource savings. *"Everything can be scaled, everything works together, and everything automatically adapts to everything else in this solution. We have optimized performance and monitoring, and operation is extremely easy. A single click puts a new virtual server into operation either in the cloud or on-premise, depending on where it makes most sense in terms of solutions and costs. We have full control, but don't have to control anything manually,"* concludes Christensen.

Resume
Micro Matic has replaced its hosting solution with hybrid cloud from Nutanix, Cohesity and Arista Networks. Market-leading suppliers are part of a well-functioning ecosystem where their intelligent components – from servers, storage, and virtualization to backup, security, and networking – come together in a hyperconverged infrastructure. Everything works together and automatically adapts to everything else.

The solution consists of
- Nutanix, which is software-based, delivers a full infrastructure that integrates servers, virtualization, storage, networking, and security to power any application at any scale.
- Cohesity consolidates all fragmented data in backups, files, objects, test/dev, and analytics on one hyperconverged solution for maximum speed and flexibility.
- Arista Networks is a market leader within software-driven cloud networking by using open APIs, cloud automation features, and self-service provisioning and deployment.

Business benefits
- 40% savings on operations and 60% on resources
- Optimization of performance, monitoring, and operation
- Intelligent software solutions that can be scaled endlessly
- The greatest possible freedom and flexibility

Micro Matic is the global market leader in the supply of keg couplers, keg extractor valves and dispensing solutions to the brewing industry. Micro Matic has pioneered industry-leading draft beer products and services since 1953 and delivers products and services to more than 150 countries.

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