

Order of Magnitude Performance Gains Enable Data Analysis on Demand for QuoVadis and Customers



QUOVADIS SERVICES LIMITED CASE STUDY



Cloud Service Provider
www.quovadis.bm

Challenge

QuoVadis needed a technology refresh for higher performance with increased levels of compute and security.

Results

- A complex database search in 20 seconds, instead of hours
- 70% less storage management time
- Zero replication software costs
- Half the time for replication management and administration
- Encryption for in-use data, in-flight across the network and at-rest on persistent storage

“Datrium is a perfect fit for QuoVadis. We need technology that genuinely provides high performance and we need a platform that is simple and efficient to manage. This results in higher levels of performance and support for our customers that rely on QuoVadis for their production hosting needs.”

Gavin Dent
CEO

Company Challenge

Multiple Platforms = Complex Management

Based in Bermuda, QuoVadis Services provides cloud services and infrastructure-as-a-service (IaaS) for customers in Bermuda, Switzerland and the Netherlands.

The company manages multiple compute and storage technologies, including NetApp SolidFire, NexentaStor ZFS software-defined storage and direct-attached storage (DAS). However, supporting multiple platforms increases long-term support costs and the complexity of day-to-day operational management for the QuoVadis support team.

Results

Data Available in 20 Seconds, instead of Hours

QuoVadis turned to Datrium's Automatrix platform, which converges primary storage, backup, DR, encryption and mobility. Datrium would allow the company to consolidate with a single storage provider while lowering costs and increasing performance for QuoVadis and its clients.

In replacing its legacy SAN with Datrium, the company gained autonomous deduplication and compression that resulted in at least 3-4X more effective storage from the equivalent raw storage.

QuoVadis also realized an immediate and significant boost to performance. Shifting storage I/O processing to the compute layer eliminated the storage challenges the company faced with some of its legacy storage platforms. Now, QuoVadis simply has no performance bottlenecks.

As just one example, a complex database search that previously took hours to complete – or timed out – now completes in 20 seconds. “We now have the ability to perform the data analysis we require on demand,” said Gavin Dent, CEO. “This results in higher customer satisfaction, and improved analysis and reporting for our technical teams and management.”

“Datrium is an exceptional and innovative technology that benefits our customers and our support team. I am excited to be working with Datrium.”

Gavin Dent
CEO

70% Less Storage Management

From the start, Datrium eased the burden on the QuoVadis team. “We deployed five Datrium DVX systems across three countries in record time, thanks to Datrium’s software defined converged technology and autonomous data simplified management,” Dent said.

Before deploying Datrium, QuoVadis had multiple technologies to master in order to manage its day-to-day core operations. Now, the team takes care of compute and storage provisioning via a single pane, making these tasks less complex and more efficient. No longer do they spend time shifting VMs and volumes to make space. Without these constraints, the company has reduced storage management time by at least 70 percent.

Serious Security with Autonomous Blanket Encryption

Datrium also brought much-needed data security, especially in light of new GDPR regulations. Datrium’s blanket encryption ensures QuoVadis demonstrates a serious approach to data security, with protection for in-use data at the host, in-flight across the network and at-rest on persistent storage.

Best-in-Class Support

Beyond gains with the Datrium Automatrix platform the people behind Datrium have proven to be just as solid. Datrium supports QuoVadis from design and implementation through ongoing technical and proactive support services.

“Everyone we have dealt with at Datrium, from sales and operations through to support, has been a pleasure to deal with,” Dent said. “They understand our needs and are always responsive to our requests.”

“Having been in the IT industry for approaching 30 years now, it is not that often that I get truly excited about new technology,” Dent added. “Datrium is an exceptional and innovative technology that benefits our customers and our support team. I am excited to be working with Datrium.”

About QuoVadis Services Limited

QuoVadis provides managed data center, colocation, and cloud hosting services to the local and international business communities in Bermuda, Switzerland and the Netherlands with a sizeable investment in secure hosting and work area recovery facilities. Learn more about QuoVadis at www.quovadis.bm.

Learn more about Datrium at www.datrium.com.



NEXT GENERATION FILMS CASE STUDY

“Because we’re more stable, we can focus on other objectives and respond to our clients more quickly. We’re also able to say yes to our internal clients when they ask about implementing new solutions. We have the bandwidth to do so.”

Jason Oblinger
Senior Systems Administrator

