

CASE STUDY

Cyllene consolidates performance and reduces costs with advanced technology on Infinidat's InfiniBox

Cyllene is an IT company that provides solutions for cloud, security, infrastructure, digital, data, management and web marketing. The company's headquarters are in Paris, France although it has ten sites based all over the country with over 400 employees and a revenue of nearly 60 million Euros.

The IT team at Cyllene handles the entire enterprise infrastructure and on-premises data center operations within the organisation. The leadership looks to enhance its offering with new technologies, new innovations and new teams, collaborating with robust high performers who can form part of their structure. This 'build-up' model allows them to access the expertise needed to offer the best service. Recently, Cyllene faced a significant demand for higher capacity, increased performance, and availability. To meet the needs of its growing customer base, it selected the InfiniBox® powerful enterprise storage solution from Infinidat.

THE CHALLENGE: PROVIDING TRUE CAPACITY ON DEMAND

Through its "Capacity On Demand" storage offering, Cyllene provides customers with dual site block storage. As the environment is a shared multi-client model, the team cannot know in advance the I/O profiles of the different workloads, hence the importance of having a storage system that can automatically adapt to all possible I/O profiles without impacting the performance for any other customers' applications and workloads across the infrastructure.

"We were driven by a need to implement high-end storage arrays that met all of our customers' requirements so that we didn't have to manage tiering on the storage. At the time, we had no staff dedicated to the administration of our storage network, so it was imperative that we had a partner and a solution that was very easy to manage and required very little administration," said Guillaume Baste, IT Project Director. "Infinidat was the perfect fit for us."

With approximately 1,500 clients all relying on mission-critical applications and data files that enable their services, the IT team began looking at consolidating its trusted, incumbent Infinidat technology.

THE SOLUTION: INNOVATION IN INFRASTRUCTURE

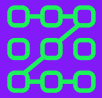
Cyllene has been an InfiniBox customer since 2014 when it purchased its first InfiniBoxes and has, since, added to them with 'upgraded' innovations and system hardware. After setting the criteria for the new installation, Infinidat proposed another "Proof of Concept (POC) evaluation so that the team at Cyllene could evaluate the products for several months and were confident in the proven InfiniBox technology. Infinidat's enterprise storage solution provided the performance, availability, scalability and ease of use that they required but, most importantly, it also did so within the set budget.

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Guillaume Baste
IT Project Director
Cyllene

Solution Advantages for Cyllene



Consolidated performance and guaranteed uptime



Active/Active replication and functionality



Higher performance and lower latency

Cyllene needed to ensure its data centres met availability and durability targets, with infrastructure and operations leaders understanding the fundamental risks associated with recovering from server, networking, and storage system failures. Moving forward, the triple-mode redundancy of the InfiniBox technology demonstrated that they were committed to the protection of their customer's data.

THE RESULT: A SEAMLESS INTEGRATION AND NO DISRUPTION TO CRITICAL SERVICES

Cyllene's newly installed InfiniBox storage solution provides the much-needed enterprise-class storage performance, availability and data protection. The upgraded InfiniBox Active-Active replication provides zero-RPO and zero-RTO, enabling mission critical business services to keep operating even during a complete site failure at the company, through its symmetric synchronous replication solution and without interrupting any client services.

The primary focus for Cyllene's IT leaders was to ensure minimal disruption to services and easily managed tiering on the storage. The new InfiniBox's were installed, upgraded, and expanded seamlessly without any limits to capacity – across multi-protocol storage while also meeting availability and performance requirements, and within the set strict budget controls. Infinidat's solution for Cyllene is an infrastructure that includes servers running vSphere from VMware with an integrated architecture providing users with uninterrupted access across all systems and data points.

"Infinidat's smooth monitoring and global support for optimising the storage infrastructure at Cyllene produced measurable time-savings for us in the day-to-day data administration," continued Baste. "We didn't face any negative impacts at all in our multi-client environments."

ANY FUTURE PLANS?

Cyllene plans to upgrade and renew its InfiniBox storage arrays in planned installments during 2023. The company will work closely and collaborate with Infinidat's product teams to stay ahead of the new innovations and technology evolution, so it continues to fully support its customer needs and continuous increases in performance.

To learn more about how Infinidat can help your organization expand or consolidate your data storage, visit [Infinidat.com](https://www.infinidat.com).