Syneto and Mellanox Deliver All-Flash Private Cloud Systems for SMBs

Cost effective, high performance and enterprise class Syneto Storage with Mellanox 10/40G networking

More than 90% of companies in Europe are small- and medium-sized businesses (SMBs). When SMBs look to adopt today's private cloud infrastructure to keep up with their growing business needs and shrinking timelines, they often find themselves underserved. While SMBs want their applications to run very fast with maximum flexibility and minimal downtime, these requirements are no different than those of their bigger siblings. Even more important for SMBs is their need for a solution that delivers such high performance and cloud capabilities at a lower price point. In addition, the solution must be very simple to use and offer all of the necessary enterprise features.

Syneto Private Cloud

Syneto fills the gap between the needs and the possibilities for SMBs. The company provides a range of enterprise class storage solutions for private cloud deployments, from high performance all-flash to hybrid storage for balanced workloads. Syneto's solutions can decrease TCO (total cost of ownership) by up to 50% compared to other vendors, thereby enabling IT departments to fit all of their requirements within their budget.

Syneto's hyperconverged private cloud solution integrates Syneto Storage OS as a software-defined storage platform and VMware vSphere for virtual server management. Compute, storage and networking are managed centrally from an intuitive, easy-to-use interface. This ensures rapid time to value and business agility, as critical apps can now be deployed in minutes instead of hours. Advanced storage functionalities such as in-line compression,
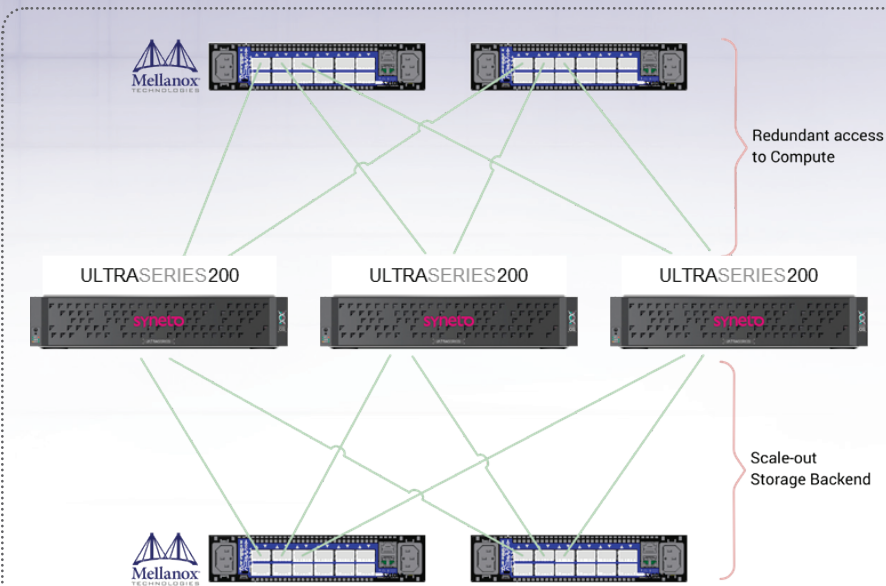
KEY BENEFITS

- − Simple-to-use, cost-effective private cloud systems for SMBs
- − High performance flash storage and 10/40G networking for virtualized applications
- − Enterprise-class data reduction, disaster recovery, and security
- − Highly scalable hyperconverged solution

deduplication, automatic tiering and snapshots can generate up to 90% space savings. Data can be partitioned into flexible pools, enabling smart app placement on different performance tiers, based upon the level of criticality.

By deploying Syneto's real-time analytics, IT professionals eliminate guesswork from their activities. The infrastructure is monitored in infinite detail, with millions of data points gathered daily. This ensures that all private cloud operations and investment decisions are data-driven.

"Syneto delivers powerful, yet cost effective, hyperconverged storage solutions for private clouds. Partnering with Mellanox brought unparalleled performance and reliability to the networking infrastructure all around our private cloud systems."

- Vadim Comanescu, CEO, Syneto

To support sub-millisecond latency and provide high bandwidth for file services and application mobility, Syneto partners with Mellanox to deliver high-performance and reliable networking infrastructure for private clouds.

Mellanox SX1012 Ethernet Switches

Optimized for lossless networking fabric with ultra-low latency, Mellanox Ethernet switches support the most demanding performance requirements and work as the ideal top-of-rack switches for various cloud deployments. By simplifying network provisioning and monitoring, the Mellanox solution helps to make the network configuration and management effortless, even for people without much networking background.

- With the smallest footprint – half width, 1RU form factor – the Mellanox SX1012 reduces used rack space by 50%. Moreover, two SX1012 switches side-by-side in a single rack unit provides high availability support.

- Network latency of <1μs capacitates flash storage for high performance database applications. It also enables ultra-fast VM migration.

- 40G connections ensure that the storage network does not become a bottleneck when scaling-out hyper-converged systems.

Overall, the Mellanox SX1012 switches greatly improve both infrastructure and operation efficiency, thus significantly lowering TCO for SMBs.

About Syneto

Syneto transforms the way small and medium size organizations around the world manage their data and applications. The companies' disruptive software-defined storage technology, combines consumer-grade usability, powerful analytics and in-line data reduction, to create hyper-converged and standard infrastructures. This helps customers halve their total IT spending, make data-driven investments and deploy revenue-generating applications quickly.

Syneto's ARK, ULTRA and EXTREME Series arrays offer hybrid and all-flash options, which are ideal for Private Cloud deployments, Disaster Recovery, Business Continuity, Virtualization and Digital Asset Management. With customers all over the world, Syneto's products and solutions are deployed across a wide range of industries, including industrial manufacturing, IT service providers, government, media/advertising, education, military, surveillance and public administration.

With Syneto, companies can achieve the most important functions of Business IT: reduce costs and deploy resources faster. For additional information, please email marketing@syneto.eu, visit our web page www.syneto.eu or follow us on Twitter @syneto.

About Mellanox

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyper-converged infrastructure. Mellanox intelligent interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance. Mellanox offers a choice of high performance solutions: network and multicore processors, network adapters, switches, cables, software and silicon, that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage, network security, telecom and financial services. More information is available at www.mellanox.com.

350 Oakmead Parkway, Suite 100, Sunnyvale, CA 94085
Tel: 408-970-3400 • Fax: 408-970-3403
www.mellanox.com