Nominee: Syneto

Nomination title: The Syneto HYPERSeries 3000: Taking hyperconverged infrastructure to the next level

Syneto has created the first all-in-one IT infrastructure specifically designed to serve the needs of SMBs, remote/branch offices and small datacentres in large organisations, the HYPERSeries 3000.

Why Syneto HYPERSeries 3000?

The Syneto HYPERSeries is designed to include all of the IT services a small/medium organisation needs. It combines virtualised applications, disaster recovery and file services in a single, easy to use 3U platform.

Other hyperconverged infrastructure offerings concentrate only on scalability in order to fit the needs of "fortune 1000" large enterprises. With Syneto, SMBs and remote offices can have all of the IT services they need, without investing in any extra software or hardware.

The key features of the HYPERSeries 3000 are:

- **Flexible performance: All-flash and hybrid data pools in a single product.**
- **Data protection: Multi-layered data protection - at HDD, file and application level.**
- **Integrity checks: Always-on data integrity monitoring and automatic self-healing.**
- **Infrastructure analytics: Granular, configurable and long-term analytics for the entire infrastructure.**
- **Backup and replication: Incremental, consistent VM and file backups with on/off-site replication.**
- **Hypervisor integration: VMware integration with vSphere plug-in over API.**

The main benefits that the HYPERSeries 3000 hyperconverged infrastructure offers are:

1. **Peak performance: Applications running on the HYPERSeries 3000 perform 5 to 20 times faster when compared to virtual machines deployed in a traditional infrastructure. The technology inside the HYPERSeries 3000 ensures up to 90% of an application's data, is served at nanosecond speed directly from the RAM memory.**

2. **An RTO of 15 minutes: The integrated Disaster Recovery of the HYPERSeries 3000 allows you to restart your entire IT infrastructure, on the secondary DR appliance, in just 15 minutes.**

3. **Always-on data protection: Data corruption is something you will never have to worry about. With the HYPERSeries 3000, advanced self-healing technologies find and repair corrupted data automatically.**

How does the HYPERSeries take hyperconverged infrastructure to the next level?

The HYPERSeries 3000 is not a "traditional" hyperconverged infrastructure. This new breed of hyperconverged infrastructure brings together, inside the same platform, much more than just the traditional mix of virtual applications, networking and data storage: it also features built-in automatic Disaster Recovery, instant local VM/file recovery, native file services and improved application performance.

These innovative factors differentiate the HYPERSeries from the competition:

1. **Converged all-flash & hybrid: In the traditional model, peak performance meant you had to go all-flash. On the other hand, if budget was your main concern, hybrid storage was the way to go. With Syneto hyperconverged solutions you can have both: a high performance all-flash data pool for your most important business applications, and a budget-friendly hybrid pool for your less demanding virtual machines. We call it Hybrid2(double-hybrid).**

2. **Converged disaster recovery: Unlike other hyperconverged products, Syneto's hyperconverged solutions include advanced disaster recovery capabilities right out of the box. These hyperconverged products have been designed to include a secondary hyperconverged DR appliance, on which the entire IT infrastructure can be restarted in case of a disaster. There are no 3rd party backup software agents and applications to manage and absolutely no extra hardware required to achieve total infrastructure recovery.**

3. **Converged data protection: Syneto hyperconverged solutions are also equipped with an advanced array of data integrity technologies. Every bit of data is checked and if some form of corruption is detected, the system automatically heals it and no user intervention is required.**

HYPERSeries customer success stories

This solution has already proven successful in solving the infrastructures needs of SMBs, ROBOs and small/medium datacenters, like:

1. Manufacturer BT Group, who has been designing and manufacturing some of the best awnings and pergolas in the world, has chosen Syneto to consolidate applications and file services, while taking advantage of the built-in Disaster Recovery.

The HYPERSeries 3000 has enabled BT Group to consolidate all their IT infrastructure and reduce infrastructure costs by 50%. The integrated DR capabilities have reduced backup costs to zero. The recovery time for all of BT Group's applications and files has been reduced to 15 minutes, with an RPO of 1 minute.

2. The Province of Rovigo, an Italian province in the Veneto administrative region, has chosen Syneto to achieve complete data protection and increased application performance.

The infrastructure management time has been drastically reduced, as the new infrastructure requires less than one hour of maintenance time per week. In addition to low management times, the new infrastructure has offered increased performance and safer backups.

"The new Syneto infrastructure has given us higher working speed, as well as better and safer backup procedures. The infrastructure is very easy to manage and offers good value at a reasonable price." Stefano Salandin, Head of IT - Province of Rovigo

Why nominee should win

With the HYPERSeries 3000, Syneto offers 4 unique benefits:

- Built-in Disaster Recovery: The HYPERSeries 3000 allows the entire IT infrastructure to be restarted in as little as 15 minutes.

- Native file services: Syneto hyperconverged solutions can natively share files over NFS, CIFS and AFP, removing the need for any extra file servers or software.

- Always-on data protection: Data protection technologies inside the HYPERSeries run 24/7, actively searching for and self-healing any corrupted data.

- Improved application performance: A unique converged all-flash and hybrid data fabric allows important applications to run on SSDs while regular VMs use hybrid storage.