Tintri Cloud Enterprise Storage

Faster IT-development with Proactive Storage and Zero Management

An intelligent and well-performing storage environment is critical for Systematic A/S to rapidly develop, test and deploy its IT solutions. This is the reason why Systematic has chosen Tintri Cloud Enterprise Storage, the Next Generation proactive storage, which require almost Zero Management and is up and running in less than an hour.

The Danish IT-company Systematic is experiencing a massive growth. More than 750 employees spread over 12 countries are solving complex data challenges for the healthcare sector, the Danish defence and other national intelligence services. As a result, the IT-department at Systematic are fully focused on securing a seamless traffic in the digital infrastructure – especially in the infrastructure for development and test.

"We have been using private clouds for several years, to secure that our IT-developers easily can access additional virtual capacity for the test environment. But the pressure on test storage is huge, and at the time we reached 400 virtual machines last year, the existing hardware was maxed out. At the same time, it was complex to manage and expensive to support, so we needed to find a new and better alternative," Dan Pennerup, Systems Engineer, Systematic A/S, says.

First of all; Simple Management

Systematic was from the beginning set on 100 pct. all-flash virtualization-aware storage, which not only delivers better performance but also automatically identifies the best way to utilize the capacity. In addition, elements such as simple deployment, management and maintenance also played an important part in the decision.

> *I had heard of Tintri, as a new promising player on the market. Tintri was the only of the three largest storage providers we explored, that could meet our demands. I'm not aware of any other storage solutions, which can offer that many intelligent out-of-the-box features and at the same time be fully functional in less than an hour, Dan Pennerup states.*
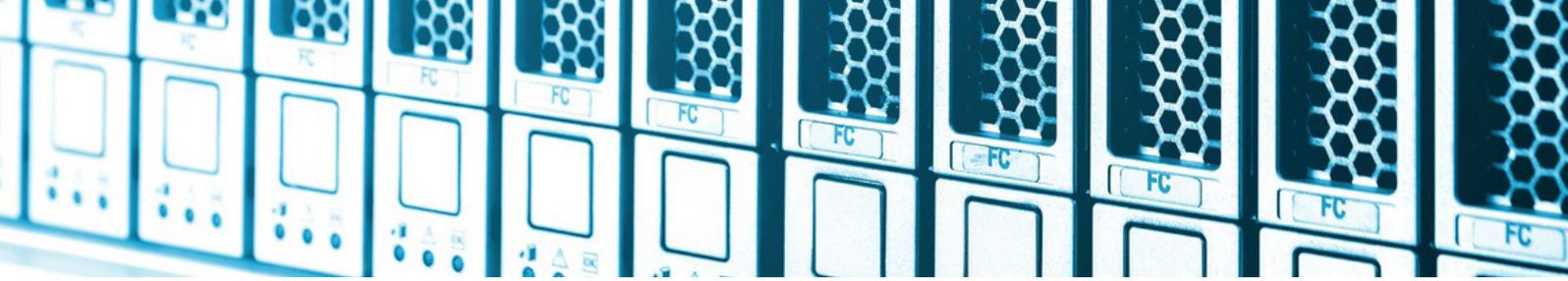
According to Dan Pennerup Tintri's storage solution is fast, efficient and simple. Systematic IT is especially excited about the solution's ability to monitor how the capacity on the virtual machines is utilized as well as troubleshooting if one of the virtual machines is not performing as expected. Features, which did not exist only a couple of years ago.

"Tintri is proactive storage. It is always one step ahead, it is fast as a lightning and supports us instead of just using resources from our IT-department. During the last six months, we have 500 additional virtual machines up and running in the cloud environment. Previously we had a lot of shadow IT, because the employees felt they had to set up their own physical test environment, when they had to get started with IT-development quickly. They don't have to worry about that anymore," Dan Pennerup says.

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Strong message to the company

The 900 virtual machines are utilized to the fullest, with automated deduplication and compression. The need for storage space in the data center now only amounts to 2U instead of 48U, and the power savings alone is 50.000 Danish kroner per year.

The intelligent features have made it possible for us to utilize the capacity and internal resources optimally, while saving money on external consultants, power and support at the same time. By migrating to Tintri, we can use our resources more efficiently and at the same time improve our time-to-market,
says Dan Pennerup.

It takes courage to be a first-mover

RanTek, that has recommended the solution to Systematic, is increasingly focusing on Next Generation Technologies, that improve Simplicity, Automatization and Security. "As an expert in new technologies RanTek has managed to place itself as a front-runner. It takes courage to be a first-mover with Cutting Edge Technologies. But it strengthens our trust in RanTek, because they put the customers first and present us to a solution which provide us with most value in proportion to our business needs," Dan Pennerup states.

"Even though Tintri is not a low budget investment, it is the best for us. We believe in a very reasonable TCO and the business model seems to be thought through and customer-oriented. At the same time the external consultant services are now completely unnecessary, because we are able to configure the storage unit by ourselves," he says.

Challenge

> The need for a new, intelligent storage solution, which supports the business' need for faster test storage in the development environment
> A desire for easy management, rapid monitoring and troubleshooting
> The need for Automatic utilization of the capacity

Solution

> Tintri Cloud Enterprise Storage – Next Generation Storage solution with integrated automatization and intelligence. Tintri is 100 pct. all-flash virtualization-aware storage, which does not require management or ongoing consultant services

Result

> A strong and proactive storage foundation for Systematic's virtual test environment
> 500 virtual machines in the cloud environment in only 6 months
> Complete visibility within the storage network, automatic utilization of the capacity, no management and plug & play-configuration
> Elimination of shadow IT
> More time for strategic resolutions in the IT department

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Reberbanevej 8, 8900 Randers
Tlf. 8710 0102
sales@rantek.dk
www.rantek.dk