Challenge

Randers Municipality's virtual servers and applications did not perform optimally, and a lot of time was used manage, troubleshoot, maintain and configure the traditional storage equipment for the virtual environment.

Solution

Tintri VMstore, a zero management storage solution designed for virtual environments, which achieves both high performance and low maintenance.

Result

Large savings, better performance, less time spent on manage and maintenance and a greener profile.

Randers Municipality

is amongst the largest in Denmark with a population of nearly 96.000 and an area of 800 km2. The municipality is visionary, also with regards to its IT strategy, where it aims for 100 pct. virtualization within the next few years.
To optimize IT infrastructure, increase productivity and lower costs for their virtualized environment, the IT department at Randers Municipality has chosen to integrate its existing SAN equipment with Tintri VMstore – a fully-automated storage solution in the virtual environment.

Randers Municipality pioneers a new storage solution for virtual environments

Virtualization is an important part of optimizing IT budgets in Randers Municipality. The aim is to achieve 100 percent virtualization within a few years. To avoid complex configuration and maintenance of the existing storage infrastructure, Randers Municipality has chosen a completely new automated storage solution specifically developed for virtual environments: The Tintri VMstore. The Tintri VMstore provides high performance with minimal maintenance.

Randers Municipality aims at virtualizing their entire data center, allowing it to deliver more with less overhead. The IT department has focused on finding a storage solution that allows virtualization without configuration and maintenance overhead, while simultaneously providing efficient data delivery. RanTek A/S presented a completely new storage solution that has recently been launched in Denmark, and Randers Municipality was immediately interested in testing the system.

"It is a challenge for us if our servers and applications do not perform optimally. Our traditional storage is not designed for virtual environments. There are many parameters that continuously need to be adjusted, making it time-consuming and complex to maintain traditional equipment. It is precisely the time used on administration that must be reduced significantly to achieve our goal," says René Demant Juncher, Team Leader for Servers and Infrastructure, Randers Municipality.

> " **We could immediately see that Tintri performed better than our traditional SAN, and as promised, being simple to configure and maintain** "

100 pct. capacity exploitation and 'zero management'
Tintri has been specifically developed for virtualized environments. It can offer high performance while still being low maintenance. Despite being completely new in Denmark, Randers Municipality had no doubts regarding the potential value of Tintri.

"We are focused on finding a solution that offers high performance, simplicity and minimal run-time maintenance. We could immediately see that Tintri performed better than our traditional SAN, and as promised, being simple to configure and maintain. Besides quickly delivering data to users and allowing us to exploit nearly 100 pct. capacity compared with 75 pct. previously, it is also very simple to manage. 'Zero management' is a unique and extremely valid sales argument for Tintri. With Tintri, daily storage maintenance and administration has been vastly reduced and we can instead focus on development and strategy," says René Demant Juncher and continues:

Facts about Tintri VMstore

Tintri is the path toward low-maintenance high-performance storage solutions for virtual environments.

Tintri is specifically designed for virtualization and cloud.

It resolves challenges and restrictions that are created by traditional storage in virtual environments.

A Tintri unit can handle several thousand virtual servers and simultaneously ensure very high performance for all virtual machines being serviced.

Read more at www.tintri.com.

Rantek A/S is a danish IT-company with nearly 15 years of experience. Along with our technology-partners, RanTek supplies effective and reliable IT-optimization solutions and create proven value and significant financial savings for our customers.

Rantek A/S
Reberbanevej 8
DK-8900 Randers C
Tlf. +45 8710 0102
info@rantek.dk
www.rantek.dk

''When testing, it took less than four hours to integrate the solution to the virtual environment and have it operational. Using built-in automation, Tintri VMstore automatically detects where to distribute extra capacity and resources to applications. The VMstore can also troubleshoot delays. With our traditional equipment these are tasks that require far too much time. Furthermore, Tintri requires minimal space, realizing savings in space, electricity and air-conditioning,'' says René Demant Juncher.

Large savings and a greener profile

Twenty percent of the virtual environment in Randers Municipality is already on a Tintri unit. The IT department will create a business case to evaluate whether Tintri can completely replace the existing SAN.

''The result will be that we achieve far better performance, increased simplicity, far less maintenance, greater electricity and physical space savings, and a much greener profile. This makes the prospects for Tintri very promising,'' says René Demant Juncher.

Everything can be virtualized with Tintri

RanTek A/S is the first Tintri IT reseller and knowledge center in Denmark. RanTek is experiencing a demand for storage solutions that can handle virtual environments, but without requiring complex configuration and management.

''Server virtualization does not achieve full benefits unless the underpinning storage is designed for the virtual environment. With Tintri everything required to support actual virtualization is in a single box. Very demanding, high I/O per second applications can be virtualized with very high performance and without complex configurations that require continuous maintenance. Tintri is a very important part of the IT department's virtualization strategy, and we regard Tintri as being amongst the most simple and at the same time the most value-creating solutions on the market,'' says Tom Johannsen, Sales Manager, RanTek A/S.

Strong partner

At Randers Municipality the cooperation with RanTek A/S has been fruitful and positive.

"We have had extremely good experience with RanTek. They correctly presented Tintri without promising more than the solution is capable of. They focused on ensuring that the implementation phase must be a positive experience for us, and ensured that the appropriate technicians assisted in getting us started. Based upon this, we trust the consultancy provided by RanTek and regard the company as a competent partner,'' says René Demant Juncher.

Per Sølvager, Regional Sales Manager at Tintri also values the cooperation with RanTek and foresees further growth for Tintri in Denmark. He adds, ''I am pleased that we have acquired our first Tintri customer in Denmark via our strong partnership with RanTek. With our pending announcement of support for Red Hat Enterprise Virtualization and Microsoft Hyper-V, we expect great interest for Tintri in the Danish market.''