New data-storage infrastructure for Vancis supports future growth
partnership agreement Vancis and Aprycus

Founded in 2008, Vancis B.V. delivers high quality data center, cloud- and managed ICT services. In order to support the expansion of its business, Vancis needed to expand their data-storage infrastructure and partnered with IBM Premier Business Partner Aprycus to upgrade its environment to a new sustainable infrastructure that will support future growth and ensure business continuity .

Expansion of Managed Services

Vancis intended to expand its data center and managed services offerings in the near future and expected an increase in the demand for data storage. Vancis operates two interconnected and sustainable data centers to provide services. To support the expansion of its business, Vancis needed to expand the data-storage infrastructure in time to lay a solid foundation for future growth. Apart from an increase in storage capacity and performance, the company sought a solution that would support and use the connectivity between the two data centers to facilitate around-the-clock service availability. Because the company's demand for data storage fluctuated, the solution needed to be flexible and scalable and provide future product continuity. Vancis also required the solution to be sustainable and help reduce floor space.

[v.l.n.r: Bertram le Duc (Aprycus), Willibrord Blom (Vancis)]

Solution

To achieve its goals, Vancis engaged IBM Premier Business Partner Aprycus to upgrade its infrastructure using IBM Power Systems, IBM System Storage technology and IBM Tivoli software.

Disk Storage Capacity

Vancis added an IBM Power 730 and an IBM Power 720 server system to improve performance and availability, and upgraded its existing IBM Tivoli Storage Manager server with extra memory. Storage capacity for Tivoli Storage Manager was expanded by adding six IBM System Storage DS3500 dual controlller disk subsystems. Two Two DS3500's were equipped with sufficient disk capacity to support the expected growth of the Tivoli Storage Manager database. The other four DS3500's were equipped with 370 TB of capacity to support the projected growth of data volumes.

Tape Storage

Aprycus proposed two IBM System Storage TS3500 Tape Libraries, each with nine frames, 15 PB of capacity and sixth-generation Linear Tape-Open technology tape drives, as a replacement for the company's dual Oracle StorageTek SL8500 library system environment. The System Storage TS3500 Tape Libraries stayed within floor space and power consumption requirements and provided the capacity, connectivity, scalability and high availability that Vancis needed as well as continuity as to product line and future growth.

Tivoli Storage Manager
Vancis employed IBM Tivoli Storage Manager Suite for Unified Recovery V6 software as the basis for its storage management services.

Benefits
With their new storage infrastructure, Vancis increased backup performance by 40 percent while reducing power consumption by 30 percent. The total cost of ownership of the IBM System Storage TS3500 Tape Libraries is 40 percent less than a possible Oracle alternative. Further, the System Storage TS3500 Tape Libraries provided twice the amount of data storage within the same physical space.
Vancis is confident that its new, sustainable infrastructure will support future growth and ensure business continuity at reduced cost.

About Vancis
Vancis, incorporated in 2008, delivers quality ICT services to corporate enterprises, universities and the educational and health care industry. Vancis connects organizations through smart ICT solutions and infinite capacity. The organisation manages two of its own sustainable data centers in Amsterdam and Almere that avail over extensive connectivity options, including the Amsterdam Internet Exchange (AMS-IX). Vancis offers her customers cost-effective, 24x7 continuity and security conforming to the highest industry standards (ISO 27001). Vancis has core competencies in data center services, cloud services, managed services, Big Data and application management. Thanks to Vancis' scientific background innovation is paramount. Vancis heavily invests in research, innovation and new services.

About Aprycus
Aprycus is an IBM Premier Business Partner and IBM System Storage Specialty Partner, acrredited at Gold level by IBM for their Tivoli Storage Manager skills . Aprycus offers consulting, design, implementation and training services. These services are complemented by State-of-the-art software and hardware products.

Do you want to know more?	**Aprycus is:**
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