



Zentis Poland supports growing business with Lenovo Flex System

Lenovo™

Overview

Zentis Poland relies heavily on virtualization technology to keep operations running smoothly, with almost 100 percent of business systems running on its VMware environment. With demand for fruit preserves and confectionaries increasing, Zentis Poland deployed Lenovo Flex System and gained a highly flexible, super-scalable server platform – enabling the company to meet growing demand quickly and easily.

Founded in 1893, Zentis is Europe's leading fruit processing company and produces a wide range of preserves, sweet creams and confectioneries. The company supplies dairies and bakeries all over the world with fruit-based fillings and toppings, as well as chocolate and marzipan products. Headquartered in Aachen, Germany, Zentis operates manufacturing plants in Hungary, Poland and the United States.

Dariusz Wyrębiak, IT Manager at Zentis Poland, comments: "Zentis Poland is one of the company's largest manufacturing plants, employing over 260 people. In fact, Zentis Poland is the largest manufacturer of fruit components in Central Eastern Europe and delivers to more than 20 countries across Europe, Asia and Africa."

Hungry for more

Today, 100 percent of Zentis Poland's business systems are virtualized, as Dariusz Wyrębiak explains: "We first deployed VMware vSphere back in 2001 to virtualize systems that directly supported production. Demand for Zentis products has skyrocketed in recent years, so much so that the Zentis Poland site was expanded to increase capacity. To better keep up with demand and respond to changing requirements, IT needed to become more flexible. That's when we decided to convert all of the remaining business systems, as well as employees' desktops, to virtual machines.

"We are confident that Flex System will enable us to meet business demands now and in the future, as Zentis Poland continues to grow."

—Dariusz Wyrębiak,
IT Manager,
Zentis Poland



“We deployed VMware vSphere virtual desktop infrastructure technology step by step. We started out with fewer than 20 virtualized desktops, and today we are running almost 100. We have achieved almost 100 percent system virtualization.”

To support its now extensive VMware environment, Zentis Poland wanted to upgrade its IT infrastructure with a flexible, easily-scalable solution. Dariusz Wyrębiak remarks: “Our existing IBM BladeCenter server platform simply could not cope with the huge increase in demand for capacity. We needed a much more powerful platform.”

Finding the right fit

After evaluating offerings from Cisco and Dell, Zentis Poland chose Lenovo Flex System as the foundation for its virtualized environment.

Working with Lenovo, Zentis Poland deployed a Lenovo Flex System Enterprise Chassis with five Flex System x240 compute nodes. Each powered by two 12-core Intel® Xeon® E5 family processors, the Flex System compute nodes offer excellent performance. The Lenovo solution also offers 256 GB of operational memory.

Dariusz Wyrębiak comments: “As Lenovo delivered the Flex System console pre-integrated and pre-configured, we were able to get the solution up and running immediately. The main reason for choosing Lenovo Flex System was the fact that it is an all-in-one solution. The compact chassis provides all the components and functionalities to support our mission-critical systems.

“What’s more, the Lenovo solution integrates seamlessly with our IT infrastructure. Separation between the storage network and the Ethernet network storage ensures that any overload issues or failure with one area does not affect the other. The integrated fiber channel switches enable us to connect the solution to our existing storage systems very quickly and easily.”

Flexible, future-proof solution

Today, the Lenovo solution, virtualized with VMware vSphere, hosts hundreds of virtual machines, including all workstations, which support all of Zentis Poland’s business systems. With Lenovo Flex System, Zentis Poland gained vastly improved flexibility and scalability compared to its previous infrastructure.

Dariusz Wyrębiak says: “As demand for Zentis products continues to grow, we face changing business requirements. The flexibility to add more compute nodes as and when needed enables us to meet growing demand quickly and easily. Flex System is therefore a highly future-proof solution.

“Another key feature of the Lenovo solution is that there is no single point of failure. This guarantees resistance to component failures and ensures a high level of availability – only a few vendors offer ultra-reliable server solutions such as this.”

Solution components

Hardware

Lenovo Flex System Enterprise Chassis

Lenovo Flex System x240 compute nodes with Intel® Xeon® E5 family of processors

Flex System Fabric EN4093R Scalable Switch

Flex System FC3171 SAN Switch

Software

VMware vSphere

Services

Three-year on-site repair 24x7 four-hour response service

Three-year on-site repair 24x7 24-hour committed service



He continues: "I am long-standing blade server fan, as the concept enables you to combine many powerful servers in one chassis. As everything is integrated in one console, we can connect the Lenovo solution up with our existing hardware with just a few cables. This ensures total transparency across our entire IT infrastructure, making management and maintenance much easier than in the past.

"What's more, the compact size of Flex System is an advantage as it enables us to pack huge computing capacity into our fairly small data center. We would need to accommodate many more machines and cables with a more traditional server solution."

Dariusz Wyrebiak concludes: "We are very impressed with the high levels of flexibility and scalability of our Lenovo solution. We are confident that Flex System will enable us to meet business demands now and in the future, as Zentis Poland continues to grow."

For more information

To learn more about Lenovo Data Center Systems solutions, contact your Lenovo Sales Representative or Lenovo Business Partner, or visit: lenovo.com/systems

For more information about Zentis Poland, visit: www.zentis.de/us

"The flexibility to add more compute nodes as and when needed enables us to meet growing demand quickly and easily."

— Dariusz Wyrebiak,
IT Manager,
Zentis Poland



© 2016 Lenovo. All rights reserved.

Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographical errors. **Warranty:** For a copy of applicable warranties, write to: Lenovo Warranty Information, 1009 Think Place, Morrisville, NC, 27560. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, and Flex System are trademarks or registered trademarks of Lenovo. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product, and service names may be trademarks or service names may be trademarks or service marks of others. Visit <http://www.lenovo.com/lenovo/us/en/safecomp.html> periodically for the latest information on safe and effective computing.

