

# High-Tech Business Migrates from Red Hat Enterprise Linux to SUSE Linux Enterprise Server for Interoperability Benefits



## VTI TECHNOLOGIES AT A GLANCE

### COUNTRY

Finland

### INDUSTRY

Manufacturing/High-tech Design

### COMPANY PROFILE

VTI Technologies is a designer and manufacturer of silicon capacity acceleration and pressure sensors for a wide range of industries worldwide including automotive, medical, sports, and consumer electronics.

### BUSINESS SITUATION

VTI Technologies was seeking a solution that granted them greater data center reliability through standardization, creating increased operational efficiency.

### SOLUTION

VTI Technologies migrated from Red Hat Enterprise Linux to SUSE Linux Enterprise Server from Novell, creating an environment that allows their Linux and Microsoft Windows Server 2008 technology to interoperate seamlessly, enabling greater data center efficiency and workload consolidation.

## OVERVIEW

VTI Technologies is a world leader in the design and manufacturing of silicon capacity acceleration and pressure sensors. With its factories running continuously 24 hours a day, seven days a week, VTI Technologies was looking for a data center solution that would reduce the risk of costly downtime to manufacturing operations and streamline the maintenance and management of its environment. Through the Microsoft and Novell interoperability partnership, VTI saw the value of migrating from Red Hat Enterprise Linux to SUSE® Linux Enterprise Server from Novell. By running both Windows Server and SUSE Linux Enterprise Server together VTI will be able to eliminate cross-platform management challenges. The new solution has created greater reliability and interoperability to better support the company's business-critical operations.

## SITUATION

With two data centers that support factories running 24/7, year-round, any downtime can potentially lead to costly ramifications for VTI Technologies. The company's heterogeneous environment, which included a mix of Microsoft Windows Server, SUSE Linux Enterprise Server from Novell, and Red Hat Enterprise Linux, meant that IT administrators had to learn multiple systems and rely on separate support programs, leading to operational inefficiencies and high costs. The opportunity to migrate the company's disparate Linux operating systems over to SUSE Linux Enterprise Server from Novell was an appealing solution, allowing the company to reap the benefits of the Microsoft and Novell interoperability partnership. "When we heard about the Microsoft and Novell partnership, we were intrigued by the interoperability collaboration and ability to streamline support," said Sami Holopainen, Manager of IT Operations & Support at VTI Technologies.

## BENEFITS

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- + VTI Technologies has reduced cross-platform management challenges and gained streamlined support for their Windows and SUSE Linux Enterprise infrastructure.
- + The joint systems management solution simplifies management for IT administrators, allowing them to focus on one set of management tools.
- + By migrating from Red Hat Enterprise Linux to SUSE Linux Enterprise Server from Novell, VTI Technologies has increased their data center server performance.

## PRODUCTS AND TECHNOLOGY

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- + Microsoft Windows Server 2008
- + SUSE Linux Enterprise Server from Novell

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**“The Microsoft and Novell interoperability solution for systems management provides a platform for mission-critical computing that gives us greater ability to leverage system administrators across platforms, as well as the flexibility into the future for cost reduction, streamlined management, and the potential to extend virtualization even further.”**

### **Sami Holopainen**

Manager, IT Operations & Support  
VTI Technologies

## SOLUTION

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VTI Technologies worked with Enfo, a Novell Platinum Partner, to upgrade its data center infrastructure and standardize its Linux environment on SUSE Linux Enterprise Server from Novell. With the new solution, VTI Technologies IT administrators can now manage support through one contact and only need expertise around one distribution of Linux. The new solution also allows VTI Technologies to cluster and decentralize their services between the two data centers, enabling IT administrators to more easily perform system updates without interruption to factory production – a critical requirement for any manufacturer.

With Microsoft maintenance and support certificates for SUSE Linux Enterprise Server from Novell, VTI Technologies benefits from the best managed enterprise Linux option built to work in a heterogeneous environment, as well as the collaborative interoperability initiatives between the two companies. The Microsoft and Novell partnership enabled VTI Technologies to leverage its current Microsoft Windows server investments, taking full advantage of both Windows and Linux technology to reduce complexity and manage the mixed environment more easily, while increasing productivity and enhancing flexibility.

## BENEFITS

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Utilizing both SUSE Linux Enterprise Server from Novell and Windows Server 2008, the company has improved the performance in key workloads such as storage and databases, decreasing the server load from 70% to just 20%. By doing more with less hardware, VTI Technologies is now operating with greater operational flexibility and efficiency while spending significantly less of its IT budget on hardware and maintenance.

By incorporating innovative cross-platform management solutions from Microsoft and Novell, it is now simpler to manage the company's mixed SUSE Linux Enterprise Server and Windows Server environment. VTI has reduced the complexity of data center administration. With less maintenance costs and effort (estimated at 70% of the overall IT budget), IT productivity has increased as administrators can now focus more on the IT projects that drive revenue and add value to the business. Also, VTI operates with greater intellectual property “peace of mind” and protection as a result of the Microsoft and Novell licensing and intellectual property covenants, which are an integral part of the unique collaboration between the two companies.

VTI Technologies' data center infrastructure runs more efficiently, with increased reliability and decreased downtime. “The Microsoft and Novell interoperability partnership and solutions gives us a platform for mission-critical computing that provides greater ability to leverage system administrators across platforms, as well as the flexibility into the future for cost reduction, streamlined management, and the potential to extend virtualization even further,” explains Holopainen. With streamlined operation and data center management, VTI Technologies can now dedicate more resources and budget toward investing in new projects focused on its core business.

## FOR MORE INFORMATION

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For more information about the Microsoft and Novell interoperability partnership, please visit [www.moreinterop.com](http://www.moreinterop.com).

For more information about VTI Technologies products and services, please visit [www.vti.fi](http://www.vti.fi).

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### **The Microsoft-Novell Agreement**

On Nov. 2, 2006, Novell and Microsoft announced a series of agreements to jointly build, market, and support new solutions to improve interoperability, deliver powerful new virtualization capabilities, make Microsoft and Novell products work better together, and give customers peace of mind that both companies stand behind the products they deliver. More information about the Microsoft and Novell agreement, including other customer announcements, can be found at <http://www.moreinterop.com>.

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### **About Novell**

Novell delivers infrastructure software for the open enterprise. Novell is a leader in enterprise-wide operating systems based on Linux and open source and provides the enterprise management services required to operate mixed IT environments. Novell helps customers minimize cost, complexity and risk, allowing them to focus on innovation and growth. For more information, visit <http://www.novell.com>.

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