

# Keeping global manufacturing operations on track.

How an **industrial manufacturer in India** revitalized its mission-critical SAP application landscape with Lenovo ThinkSystem servers and storage—increasing performance, cutting costs, and preparing its IT for business growth.

Lenovo Infrastructure Solutions  
for The Data-Centered

Lenovo

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This industrial manufacturer based in India serves customers around the world, offering solutions to a diverse array of markets.


## Background

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The company relies on a wide range of SAP R/3 applications to support its global operations, including SAP ERP for finance and controlling and SAP Customer Relationship Management for customer service.

## Challenge

But with the server and storage systems underpinning its SAP environment approaching end-of-life, performance was slowing, and stability was becoming a concern. To accelerate its mission-critical workloads and lay the foundation for future business growth, the company looked to refresh its IT infrastructure.

The background image shows two workers in full-body silver heat-reflective suits standing in a large industrial furnace. The furnace is open, revealing a glowing orange interior. The workers are positioned in the foreground, with one slightly behind the other. The scene is dimly lit, with the primary light source being the heat of the furnace. The overall atmosphere is industrial and high-temperature.

## Why Lenovo? The right solution at the best price.

After evaluating offerings from several vendors, the company turned to Lenovo. “The technical specifications of the Lenovo solution really impressed us,” recalls a spokesperson. “It ticked all the boxes in terms of performance, availability, and stability at an attractive price-point. In fact, Lenovo offered the lowest total cost of ownership of all the solutions we considered.”

The spokesperson adds: “We consider Lenovo a trusted partner. Our experience with Lenovo’s support services has always been excellent, and we know we can count on the local team to respond very rapidly.”

## All-new IT infrastructure.

The company chose three Lenovo ThinkSystem SR630 servers to run the SAP R/3 applications, with an additional Lenovo ThinkSystem SR550 server dedicated for backups. Virtualized with VMware vSphere technology running on Microsoft Windows, the three SR630 servers host more than 20 SAP systems, connected to Microsoft SQL Server databases.

To meet storage requirements for the SAP production systems, the company also replaced its existing SAN solution with a Lenovo ThinkSystem DE4000H Hybrid Storage Array, and implemented an IBM TS2270 Tape Drive for long-term archiving.

To standardize data center operations, the company deployed an additional Lenovo ThinkSystem SR630 server to run its non-SAP workloads, such as its file server, firewall, and Microsoft Active Directory environment. The Lenovo XClarity management tool serves as a single point of control for managing the entire IT infrastructure—reducing manual work for the IT team.

The company uses Veeam Backup & Replication to perform regular backups to the Lenovo ThinkSystem SR550 server, accelerating disaster recovery processes and reducing the risk of downtime.



“The Lenovo team proposed a dedicated backup solution as part of our infrastructure refresh, and we are very happy with the result. As Lenovo supplied the Veeam licenses, they serve as a single point of contact for our backup solution.”

### Spokesperson

Industrial manufacturer in India

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## Results

With SAP R/3 now running on Lenovo infrastructure, performance, availability, and stability concerns are a thing of the past. The spokesperson confirms: “Application performance has increased by up to 90% and response times are faster across the board, so employees across all departments and business functions can work more productively.”

The spokesperson adds: “In the unlikely event we need to restore production systems from a backup, it takes less than 15 minutes to recover—minimizing disruption to the business.”

Looking to the future, the company plans to migrate its SAP application landscape from Microsoft SQL Server to the SAP HANA data platform to accelerate its most critical workloads. Certified and tested for SAP HANA, the Lenovo ThinkSystem solutions perfectly support this roadmap and will underpin global operations for many years to come.

✓ 90% performance increase

✓ 15 minutes for full recovery

✓ Single point of control

✓ Lower TCO



“The Lenovo ThinkSystem servers and storage are rock-solid, so we no longer worry about systems going down unexpectedly. We have enjoyed 100% uptime since deploying the Lenovo solutions.”

**Spokesperson**

Industrial manufacturer in India

# What will you do with Lenovo Solutions for SAP?

Learn more about how running SAP enterprise applications on optimized Lenovo infrastructure can help your organization streamline business processes.

[Explore Lenovo Solutions for SAP](#)

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