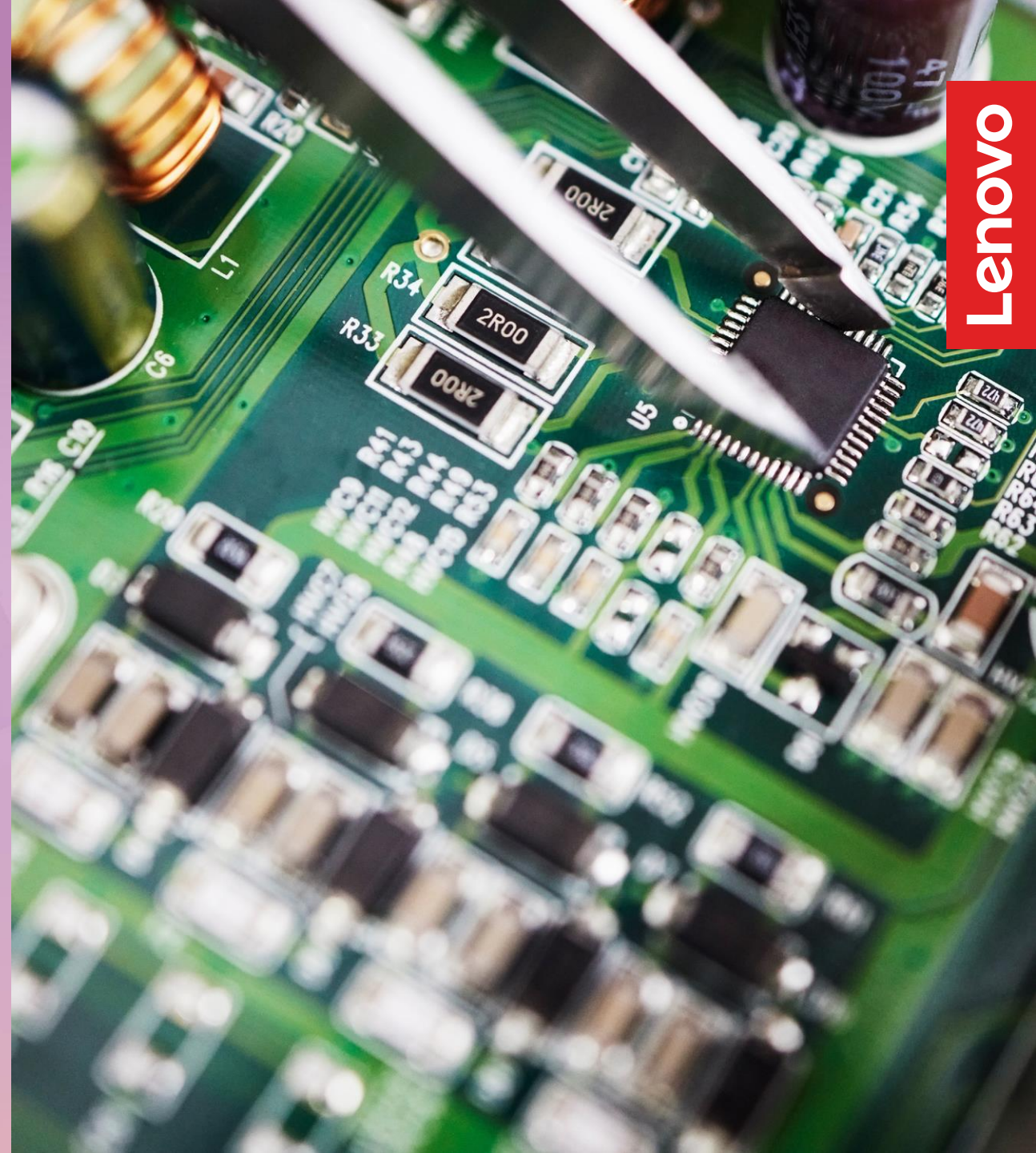


Manufacturing

Maintaining **fast-paced** business growth

Integrated circuit manufacturer

To continue its rapid international expansion, this manufacturer replaced its legacy ERP systems with SAP S/4HANA, powered by Lenovo ThinkSystem servers and backed by Lenovo Services. The new environment boosts performance, scalability, and reliability—enabling the company to harness in-memory analytics and drive business growth.



Lenovo

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Who is this integrated circuit manufacturer?

This manufacturer specializes in high-performance analog integrated circuits (ICs). Headquartered in China, the company offers innovative solutions for a broad range of applications, including industrial, automotive, and consumer electronics.

2

The Challenge

One of the leading IC manufacturers in China, the company is committed to innovation. The organization has developed hundreds of products, including amplifiers, temperature sensors, RF switches, and much more.

A spokesperson for the manufacturer says: “Our goal is to achieve a leading position in the analog IC industry through advanced design, efficiency, and quality. Our business runs on data, and we rely on ERP applications to help us manage everything from finance and HR to warehouse management and logistics.”

The manufacturer has been on a fast-paced growth journey. But as the business grew, the company realized that its legacy ERP applications were beginning to slow down its expansion.

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“Our existing ERP applications had served us well, but as the years went by, we began to outgrow the capabilities of the old systems. To support ongoing business expansion, we decided to move to an enterprise-class ERP: SAP S/4HANA. As the next step, we looked for a new IT infrastructure that would allow us to take full advantage of the in-memory analytics capabilities of the SAP HANA database.”

Spokesperson

Integrated circuit manufacturer

Building a platform for growth

By embracing integrated business processes and in-memory analytics from SAP HANA, the company was confident that it would dramatically enhance the speed and efficiency of its operations. To maximize the business value of its investment in the SAP solution, the company decided to deploy SAP HANA on high-performance infrastructure from Lenovo.

“Lenovo offered us an all-in-one solution for SAP HANA that has achieved [multiple world-record performance benchmarks](#),” says the spokesperson. “With Lenovo ThinkSystem servers, we were confident that we could deliver excellent reliability, responsiveness, and availability for our new SAP environment.”

Services

Lenovo Deployment Services for SAP HANA
Lenovo Managed Services for SAP HANA

Hardware

Lenovo ThinkSystem SR650
Lenovo ThinkSystem SR860
NetApp FAS2750

Software

SAP HANA
SAP S/4HANA

**High
performance,
dependable
reliability**

Working with Lenovo, the company deployed the new infrastructure at its on-premises data center in China. The solution is based on a Lenovo ThinkSystem SR860 server for the primary SAP S/4HANA environment, with a separate Lenovo ThinkSystem SR650 server dedicated to the company's warehouse management system.

Connected to NetApp FAS2750 storage solutions, the new platform combines low-latency performance with dependable reliability. And to protect mission-critical SAP data, Lenovo helped the company to configure regular, automated backups using Veeam Backup & Replication.



“Working with Lenovo on the solution deployment project was a positive experience—their team was on hand to help with all our questions. The fact that the solution is backed by a five-year warranty and three years of 24/7 technical support also gives us great peace of mind.”

Spokesperson

Integrated circuit manufacturer

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Results

Through its engagement with Lenovo, the company has built a robust, reliable, and high-performance infrastructure for the new SAP solutions. By moving to integrated business processes and real-time analytics on SAP HANA, the company can identify and act on business growth opportunities faster than ever.

The spokesperson comments: “Our business data is a precious resource, but in the past we were unable to leverage that data effectively. With Lenovo ThinkSystem servers underpinning our SAP business systems, we can now apply real-time analytics to enhance our performance across many domains—including logistics, HR, and research and development.”

- ✓ High performance for SAP HANA
- ✓ Seamless scalability for data growth
- ✓ Excellent reliability for mission-critical data

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“Our all-in-one solution and support for SAP HANA from Lenovo allows us to deliver next-generation digital capabilities to the business—helping us to keep up our fast-paced growth.”

Spokesperson

Integrated circuit manufacturer

Why **Lenovo**?

The manufacturer considered a number of potential x86-based infrastructure offerings, and decided that Lenovo provides the optimal combination of price, performance, and reliability.

“In our opinion, Lenovo ThinkSystem servers are the most stable x86 platform for our SAP solutions,” says the spokesperson. “With Lenovo ThinkSystem SR860 and SR650 servers and data replication from Veeam, we can sleep easily with the assurance that our key SAP applications will always be available to the business.”

The spokesperson adds: “Lenovo doesn't just provide us with a superior hardware platform—they also guarantee a quality service through their 24/7 technical support services.”



How can businesses drive rapid growth?

A leading manufacturer deployed SAP S/4HANA on Lenovo ThinkSystem servers, enhancing its operations with in-memory analytics.

[Explore Lenovo SAP Solutions](#)

