

# Powering a multinational conglomerate with high-availability IT infrastructure.

How **China Wanda Group** used a hyperconverged infrastructure solution from Lenovo and Nutanix to support the next phase of its digital transformation, reducing complexity and facilitating innovation.

Lenovo Infrastructure Solutions  
for The Data-Centered

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## Background

Founded in 1988 and based in Dongying, Shandong Province, China Wanda Group is a large multinational corporation active in petrochemicals, synthetic rubber, port logistics, international trade, and more. It has been ranked as one of the top 500 enterprises of China and one of the country's top 500 manufacturers for many years. The group is among the top 100 private enterprises in China, the top 100 private enterprises in Shandong Province, and the top 10 leading private enterprises in the Shandong chemical industry. China Wanda Group exports products to more than 160 countries worldwide.

In recent years, China Wanda Group has been committed to innovation, pushing the boundaries of synthetic rubber manufacturing—from the extraction of crude oil through the industrial supply chain to petroleum refining and the production of butadiene (synthetic) rubber and tires. China Wanda Group is now one of the leading chemical refineries in the country.

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## Challenge

For three decades, China Wanda Group has achieved success by innovating ahead of its competitors. The conglomerate is now focused on the intelligent transformation of its petrochemical plants. This involves building smart factories with cutting-edge data integration and production technology, and maintaining its leading market position through technological innovation.

As a key component of its smart factory initiative, China Wanda Group is adopting new big data and analytics workloads. By applying the insights generated by these new capabilities, the group identified opportunities to optimize factory operations, and production capacity and processes. To realize these efficiencies, China Wanda Group decided to redesign its IT infrastructure to ensure it could accommodate the new workloads, and support the group's diverse lines of business.



“China Wanda Group has many subsidiaries and diversified industrial operations, which made selecting and designing a new IT environment a big challenge.”

**Lu Yingsheng**

General Manager, Process and Information Management Department,  
China Wanda Group





## Why Lenovo? High performance, rock-solid stability.

China Wanda Group chose the Lenovo ThinkAgile HX platform, a hyperconverged infrastructure powered by Nutanix Cloud Platform software, as the basis for its new big data and analytics workloads. As long-term users of Lenovo technology, the group opted to build on its past success.

Lu Yingsheng, General Manager of the Process and Information Management Department at China Wanda Group, comments, “In our experience, Lenovo technology is stable, easy to integrate, and reliable. We considered solutions from various vendors but Lenovo’s price and service have always been the best fit for us.”



## Enabling sky-high availability.

Today, China Wanda Group benefits from tightly integrated computing and storage resources powered by eight Lenovo ThinkAgile HX5520 nodes. The unified computing and storage platform supports the group's new smart factory systems.

The multi-node configuration enables China Wanda Group to distribute the load automatically when demand is high to maintain high levels of performance. The group can now also failover rapidly in the unlikely event of a disaster. Thanks to the Lenovo and Nutanix solution, China Wanda Group can deploy new resources and schedule new workloads more quickly and simply than before.



“Lenovo solutions offer a very appealing price-performance ratio. The service is also impeccable, making Lenovo the best choice of vendor for China Wanda Group.”

### **Lu Yingsheng**

General Manager, Process and Information Management Department, China Wanda Group

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## Results

China Wanda Group dramatically simplified its IT infrastructure with the Lenovo ThinkAgile HX platform. The hyperconverged infrastructure enables better utilization of resources, while the central management portal keeps administrative effort low. The group can scale the infrastructure easily, eliminating barriers to growth. By enabling greater efficiency, the Lenovo and Nutanix solutions contribute to savings on operation and maintenance costs of 50%, alongside data center floorspace and utility bill savings of 50%.

China Wanda Group also gained the powerful new capabilities it requires to remain competitive and to fulfill its expansion plans. The Lenovo ThinkAgile HX platform delivers high performance for big data and analytics applications, helping the group to respond fast to business opportunities. The hyperconverged infrastructure provides the ideal basis for the new smart factories, powering leading-edge features and functionality to facilitate innovation.

With a highly resilient IT infrastructure, China Wanda Group can rely on systems to run 24/7, supporting exceptional business continuity. The group now has no single point of failure throughout its data center, and greater visibility of its IT infrastructure enables faster resolution of any issues.



✓ 50% savings on IT operation and maintenance costs

✓ 50% saving on data center floorspace and utility bills

✓ 24/7 availability



“We foresee strategic cooperation with Lenovo in the future. We’ve had prospective clients visit our data center to see Lenovo-Nutanix solution in action and see the multitude of benefits it can bring.”

**Lu Yingsheng**

General Manager, Process and Information Management Department,  
China Wanda Group

## What will you do with Lenovo ThinkAgile HX solutions?

The Data-Centered facilitate innovation with  
Lenovo smarter infrastructure solutions, powered by Nutanix.

[Explore Lenovo ThinkAgile HX Solutions](#)



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