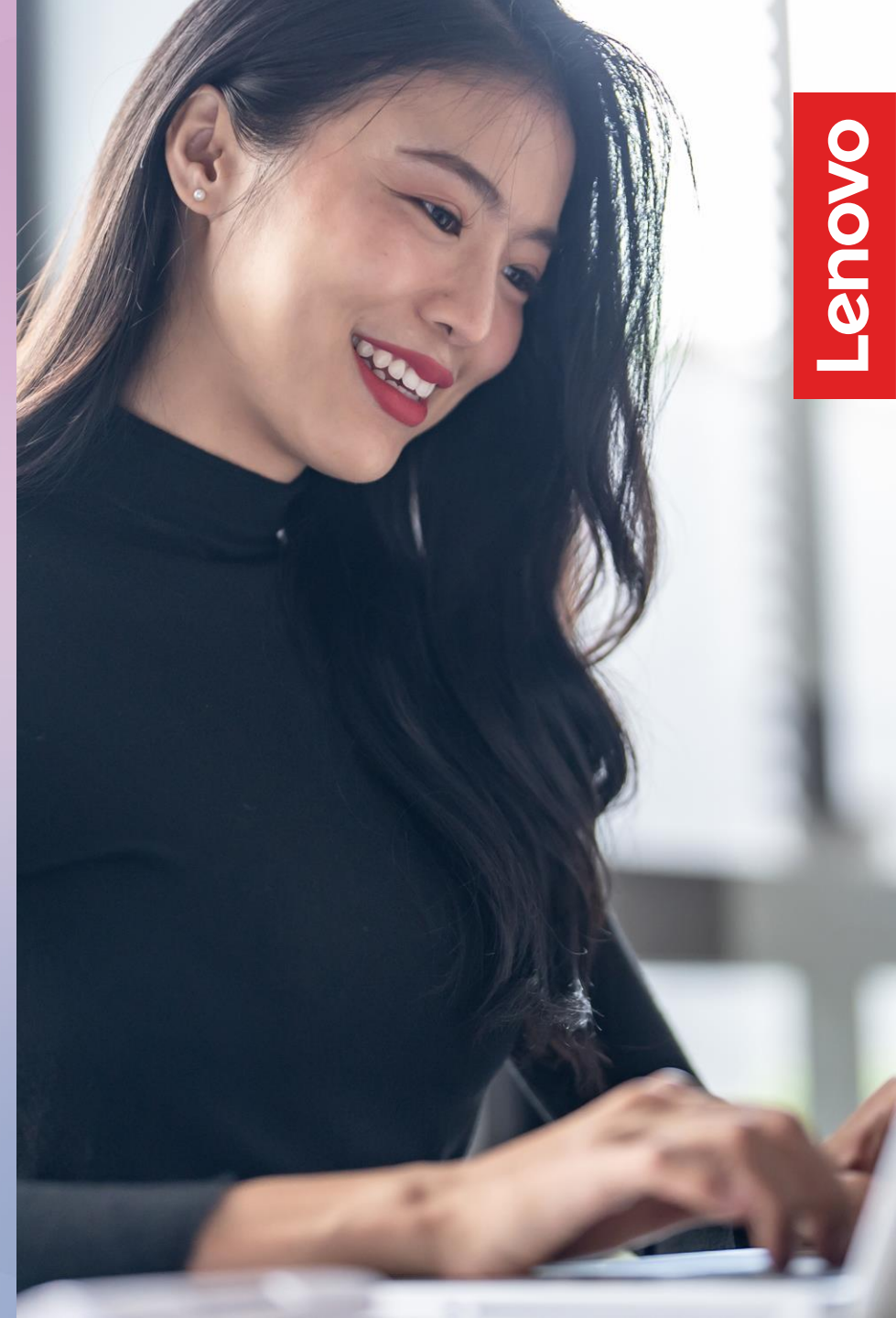# Cutting cost and complexity with a modern VDI solution

China Wanda Group

Eager to simplify the management of employee desktops, improve security, and lower costs, China Wanda Group engaged Lenovo to deliver an end-to-end virtual desktop infrastructure (VDI) solution based on Lenovo ThinkAgile VX Series and Lenovo T21 thin clients.

Who is China Wanda Group?

Founded in 1988 and based in Dongying, Shandong Province, China Wanda Group is a large multinational corporation active in petrochemicals, synthetic rubber, port logistics, real estate, 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 and the top 10 leading private enterprises in the Shandong chemical industry.

万达集团
WANDA GROUP

2 The challenge

As a large multinational corporation with more than 13,000 employees, ensuring that staff PCs are always up to date with the latest software updates and security patches is no easy task for China Wanda Group.

Previously, the group's IT team had to monitor and update every single physical desktop manually—a hugely time-consuming process. On-site IT technicians had to be available to troubleshoot and fix issues for employees to be able to work productively. What's more, storing data and applications locally on physical desktops presented security and data loss risks.

2 The challenge

As part of a wider push to centralize and modernize its IT, China Wanda Group decided to introduce a virtual desktop infrastructure (VDI).

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"Managing such a large physical desktop estate manually was becoming increasingly unviable as the years went by. VDI offered a way to improve manageability and security while also cutting costs."

Lu Yingsheng
CIO, China Wanda Group

Partnering for VDI success

China Wanda Group turned to trusted partner Lenovo to design and deliver an end-to-end VDI solution.

The group's IT team worked with Lenovo to deploy seven Lenovo ThinkAgile VX7530 Appliances as the backend hyperconverged infrastructure (HCI) to run VMware Horizon VDI. On the front end, China Wanda Group has rolled out 500 Lenovo T21 thin clients to replace physical employee desktops. The group plans to continue adding virtual desktops to the VDI environment and phasing out physical PCs.

Hardware
Lenovo ThinkAgile VX7530 Appliances
Lenovo T21 thin clients

Software
Lenovo SDI Management Portal
VMware Horizon

"With the new VDI solution, applications and data are processed on the Lenovo ThinkAgile VX Series platform in the data center, not on individual physical desktops. Not only is this easier to manage and more secure, but it's also more cost-effective. This is because we can save on employee devices by replacing high-end PCs with less powerful, more affordable thin clients."

Lu Yingsheng

CIO, China Wanda Group

4 The results

With the Lenovo and VMware VDI solution, China Wanda Group can create and push out a standard virtual desktop image to thin clients across the enterprise. Software updates and security patches can be rolled out to all employee desktops at the touch of a button, making management and maintenance significantly easier. In fact, it takes just two IT employees to take care of the 500 virtual desktops currently in production.

Previously, it took the IT team at least three hours to re-install systems and applications after critical failures. Now, in the unlikely case of failure, the virtual desktops can be up and running again in as little as 10 minutes, improving business continuity and employee productivity.

✓ Less time spent on desktop management and maintenance

✓ Lower device costs

✓ 1,800% faster to recover from a critical failure— from 3 hours to 10 minutes

Boosting productivity and security

With all processing done at the server level, employees benefit from a consistent desktop experience. The Lenovo ThinkAgile VX Series platform delivers the high performance needed to keep business applications running smoothly across virtual desktops and to ensure fast access to data—enabling employees to work more productively.

By bringing data and applications into the data center, China Wanda Group has also improved security. With centralized controls in VMware Horizon, the group can impose more rigorous security measures, such as allowing only privileged user accounts to use external USB devices, helping to protect company data and safeguard internal systems from malware.

4 The results

The backend Lenovo ThinkAgile VX Series HCI platform is also simple to operate and manage. With Lenovo Software Defined Infrastructure (SDI) Management Platform software, the IT team can see resource utilization at a glance and automate many management tasks, saving further time and effort.

> "We have worked with Lenovo for many years, and their technology has always been so reliable. This VDI solution is just another example of our strong partnership and Lenovo's excellent product offering."

Lu Yingsheng
CIO, China Wanda Group

Why Lenovo?

China Wanda Group is a long-term user of Lenovo technology, having already successfully deployed Lenovo HCI solutions to support its factory operations. It was therefore an easy decision for the group to engage Lenovo to deliver an HCI-based VDI solution.

How can large multinationals simplify employee desktop management?

China Wanda Group rolled out an end-to-end
VDI solution powered by Lenovo ThinkAgile VX Series.

Explore Lenovo ThinkAgile VX Series