

Helping businesses and consumers thrive with cutting-edge banking services.

How **Xinjiang Huihe Bank** delivers an innovative digital banking experience using a hyperconverged infrastructure from Lenovo and Nutanix.

Lenovo Infrastructure Solutions
for The Data-Centered



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Background

Established in 2011, Xinjiang Huihe Bank is one of China's leading regional banks. To help businesses and individuals reach their financial goals, the bank provides a wide range of personal and commercial banking services, including lending, wealth management, and business support.

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Challenge

As online and mobile banking becomes increasingly popular among consumers and businesses, the pressure is on for banks to provide reliable, secure, and ultra-convenient digital services to stay competitive.

Tao Yanpei, Director of IT at Xinjiang Huihe Bank, comments: "As competition increases in China's banking sector, it is essential that we provide simple, easy to use, and innovative banking services both for individuals and businesses. Ensuring that we have robust processes and systems in place to support digital and online banking is a key ingredient for success."

Xinjiang Huihe Bank relies on 90 separate applications to support its business operations, including everything from business processing, accounting, payment, and settlement processes to data management, risk management, and regulatory reporting.

Tao Yanpei continues: "As well as creating new opportunities for Xinjiang Huihe Bank to engage with our customers, the move toward digital banking is generating ever-growing volumes of data. As a result, it's critical that we ensure the infrastructure at the heart of our operations is robust and reliable while also sufficiently scalable to support future growth."

Why Lenovo and Nutanix? Effortless integration and simple management.

To streamline operational efficiency and enhance customer services, Xinjiang Huihe Bank consolidated its IT platforms into a single hyperconverged infrastructure from Lenovo and Nutanix.

“We had planned to stick with a traditional, three-tier architecture by simply replacing our storage, server, and networking infrastructure like-for-like,” says Tao Yanpei. “However, after evaluating the Lenovo ThinkAgile HX solution, it was clear that a hyperconverged approach could deliver superior scalability while ensuring reliable performance and robust security.”

He adds: “We were also pleased that the Lenovo ThinkAgile HX platform is tightly compatible with our existing VMware vSphere and VMware vCenter solutions, as this enables us to manage hundreds of complex mission-critical workloads from a single point of control.”



Accelerating innovation.

Xinjiang Huihe Bank engaged Lenovo Services to implement a five-node Lenovo ThinkAgile HX5510 cluster powered with Nutanix AHV. The company recently expanded the cluster with three additional Lenovo ThinkAgile HX5520 appliances. With Nutanix, well-known for its ease of scalability and flexibility in supporting various platforms, both models of the Lenovo ThinkAgile HX Series were seamlessly integrated into the same cluster. Today, Xinjiang Huihe Bank's hyperconverged infrastructure supports more than 600 virtual machines.

"We have dedicated 500 virtual machines on our production infrastructure for testing and building our online and mobile banking services," says Tao Yanpei. "With Lenovo and Nutanix solutions, we can easily manage and maintain these environments, which ultimately accelerates product development."

He adds: "Thanks to the support of the local Lenovo team, we went live with the Lenovo and Nutanix hyperconverged infrastructure quickly and effectively. And with ongoing remote technical support from Lenovo, we ensure that we are always realizing the full potential of our core infrastructure."



"Lenovo support services are always very responsive. Whenever we encounter any issues, Lenovo experts are always on hand to help us find a fast, effective solution."

Tao Yanpei

Director of IT, Xinjiang Huihe Bank

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Results

Since moving its core business systems to the Lenovo ThinkAgile HX platform, Xinjiang Huihe Bank has made significant gains in operational efficiency.

Tao Yanpei says: “The software-defined architecture of the Lenovo ThinkAgile HX platform means we can dynamically provision server and storage resources to meet the evolving needs of the business, which helps us to foster innovation while keeping digital banking services running smoothly 24/7.”

Consolidating its infrastructure with Lenovo and Nutanix solutions has also helped the bank achieve significant cost-savings.

“By moving to the Lenovo ThinkAgile HX platform, we’ve reduced our total cost of ownership by 35%, and cut infrastructure maintenance and operational costs by 50%,” comments Tao Yanpei. “In addition to cost-savings, we’ve also halved our data center footprint—making our IT operations leaner and greener.”

Looking ahead, Xinjiang Huihe Bank plans to work with Lenovo to build an additional disaster recovery environment with active-active replication to enhance business resiliency. “We look forward to further developing the infrastructure supporting our operations with Lenovo solutions,” says Tao Yanpei.

✓ 35% lower total cost of ownership

✓ 50% reduction in maintenance costs

✓ 50% cut in floorspace requirements



“With a hyperconverged infrastructure from Lenovo and Nutanix underpinning our operations, we can provide customers with tailored digital banking services to help them meet their financial goals.”

Tao Yanpei

Director of IT, Xinjiang Huihe Bank

What will you do with Lenovo ThinkAgile HX solutions?

The Data-Centered deliver in-demand digital banking services with
Lenovo smarter infrastructure solutions, powered by Nutanix.

[Explore Lenovo ThinkAgile HX Solutions](#)



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