

Logistics | China

# Building future-ready postal services

China Post Henan Branch

To support the rapid development of postal services, delivery services, and financial services, China Post Henan Branch moved its core IT systems to a cloud environment built by Lenovo.



Lenovo

# 1

## Customer background

# Who is China Post Henan Branch?

Founded in 2007, China Post Henan Branch is a regional office of China Post Group Corporation: a state-owned postal services provider with a national network throughout China. In addition to providing universal postal services across Henan Province, the organization is responsible for constructing postal networks and delivering special postal services for government entities.

The Henan Post Information Bureau, one of the most mission-critical departments in the organization, builds, operates, and maintains key information systems within the provincial postal system, covering various business, logistics, and postal activities.



## 2 The challenge

China Post Henan Branch delivers services across three key areas: letter post, parcel delivery, and finance. Serving all parts of society, the organization provides a wide range of offerings, including postage stamps, newspaper delivery, express delivery, logistics, and ecommerce, as well as financial and insurance services.

With ecommerce and online shopping booming, the demand for courier services in China is [increasing year-on-year by over 19%](#). To meet these growing demands, China Post Henan Branch looked for a way to maximize its operational efficiency. It identified a key opportunity—a complete overhaul of its core IT systems, from ERP and finance solutions to automatic mail-sorting machines.

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“With the **rapid expansion of ecommerce platforms**, the demand for parcel delivery and financial services is increasing year after year. We recognized that the underlying IT infrastructure that supports every aspect of our operations would benefit from modernization to **meet growing customer demand.**”

Spokesperson

**China Post Henan Branch**

# 3

The  
solution

## A package of powerful technologies

To make its IT systems future-ready, China Post Henan Branch worked with Lenovo to build a heterogenous private cloud platform. The new environment provides an integrated infrastructure- and platform-as-a-service solution within a cloud-based architecture, and includes software-defined computing and storage, as well as security and database services.

### Services

Lenovo Cloud Migration Advisory & Planning Services  
Lenovo Cloud Platform Setup & Migration Services  
Lenovo Cloud Integration Services  
Lenovo Application Optimization Services

### Hardware

Lenovo ThinkSystem SR650 V2  
Lenovo ThinkSystem DM7100H  
Lenovo ThinkServer DN8848 V2  
Reyee Data Center Switches  
Venusense Firewall

### Software

Lenovo AI Cloud (xCloud) Private Cloud Platform  
Lenovo AI Cloud (xCloud) Network Device Management  
Lenovo AI Cloud (xCloud) Database and Middleware Management  
AsiaInfo Deep Security

### 3 The solution

In parallel, Lenovo built a custom software-defined networking controller to optimize the flow of data across the organization's networks. As well as creating dedicated backup and recovery environments, Lenovo also helped China Post Henan Branch install the AsiaInfo Postal Data Center Solution and a Venusense Firewall for enhanced security.

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**“Lenovo went above and beyond** to understand our unique operating model and built an enterprise private cloud platform **tailored to our specific needs**—helping us to maintain excellent application performance and increase operational efficiency.”

Spokesperson

**China Post Henan Branch**



## 4 The results

By moving to the new hybrid cloud environment and streamlining core cloud workflows, China Post Henan Branch has been able to improve IT operational efficiency by 30%, releasing IT specialists to focus more time on value-added tasks such as IoT- and AI-driven innovation. What's more, the organization can now effortlessly scale its IT environment to support growth in the wider business, while still ensuring excellent system security and resiliency.

With a responsive and easily scalable IT system, China Post Henan Branch employees can respond more quickly to the evolving needs of the organization's postal, delivery, and financial services, as well as meet the requirements of internal business management.



30% IT efficiency improvement



Expands operational capacity



Frees time for IT innovation



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“With many of our core systems securely running in the cloud, our IT team’s time is no longer taken up with low-value, repetitive maintenance tasks associated with on-premises hardware. As a result, **we can focus more time on improving our processes, innovating and enhancing customer service.**”

Spokesperson

**China Post Henan Branch**

# Why Lenovo?

With millions of people relying on China Post Henan Branch to deliver important documents and goods and keep the wheels of local government administration running smoothly, the organization was keen to achieve a best-practice and low-disruption cloud migration.

“Our services are always on, so we can’t risk IT downtime,” explains a spokesperson for China Post Henan Branch.

“Because Lenovo has extensive experience with helping manufacturing companies transform their operations, we knew we could trust in Lenovo Services to help us keep disruption to a minimum.”

# How can post offices meet surging demand from the ecommerce boom?

Working with Lenovo, China Post Henan Branch moved to scalable, secure cloud-based IT environment, supporting always-on services.

[Explore Lenovo Services](#)