

Healthcare | China

Enabling efficient healthcare collaboration

Nanjing First Hospital

To break down siloes and ensure smooth operations across its two campuses, Nanjing First Hospital deployed a software-defined infrastructure (SDI) based on Lenovo ThinkSystem servers.



Lenovo

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Customer background

Who is Nanjing First Hospital?

Nanjing First Hospital is one of the first Class-A tertiary comprehensive hospitals in China. Founded in 1936, the hospital provides medical treatment across two campuses—one main campus and one branch campus, located in different areas of Nanjing City, Jiangsu Province. More than 3,350 employees work across the two campuses, which have a total of 2,600 beds. Each year, the hospital treats more than 2.7 million patients through its outpatient and emergency departments.



南京市第一医院 南京医科大学附属南京医院
NANJING FIRST HOSPITAL NANJING FIRST HOSPITAL, NANJING MEDICAL UNIVERSITY
南京市心血管病医院 中国药科大学南京市第一医院
NANJING CARDIOVASCULAR HOSPITAL NANJING FIRST HOSPITAL, CHINA PHARMACEUTICAL UNIVERSITY

2 The challenge

Nanjing First Hospital has developed rapidly in recent years. Growing demand for medical treatment has seen the hospital expand to two campuses. As the organization extended access to healthcare to more of the city's residents, it began to experience significant IT operational challenges.

Li Xuan, Director of Information Center, Nanjing First Hospital, explains: "A modern IT infrastructure is vital to the smooth running of the hospital. We must ensure that core applications such as our electronic medical records [EMR] and hospital information system [HIS] are always available across both campuses."

2 The challenge

Nanjing First Hospital recognized that its existing infrastructure no longer met its needs. “Our previous IT infrastructure was deployed in siloes, with disparate systems in place across the two campuses,” adds Li Xuan. “Our goal was to centralize and standardize IT operations.”

“The continuous expansion of medical services in Jiangsu Province means that our hospital will keep growing, and we may even build campuses in other cities in the future. Designing a scalable, future-proof infrastructure is therefore a top priority.”

Li Xuan

Director of Information Center, Nanjing First Hospital

3 The solution

Breaking down siloes

After evaluating several options, Nanjing First Hospital chose to replace its siloed systems with a central SDI based on Lenovo ThinkSystem servers and KVM virtualization technology.

All mission-critical medical applications and data now run on the Lenovo SDI solution, which is hosted in the hospital's main campus. The IT team uses Lenovo Data Center Manager (DCM) software as a unified management platform, improving overall operation and maintenance efficiency.

Hardware

Lenovo ThinkSystem SR850 V2
Lenovo ThinkSystem SR660 V2

Software

Lenovo Data Center Manager (DCM)

Services

Lenovo Deployment Services



“Lenovo led the design and deployment of the SDI solution, and continues to support its operation and maintenance today.”

Li Xuan

Director of Information Center,
Nanjing First Hospital

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The results

With the Lenovo SDI solution, Nanjing First Hospital has a single, flexible pool of virtualized resources—making it faster and easier for the IT team to deliver services across both campuses.

“The Lenovo SDI solution is much simpler to manage and control,” confirms Li Xuan. “Crucially, employees can always access the applications and data they need to support patient care, no matter where they are working.”

What’s more, the software-defined nature of the solution ensures seamless scalability to meet future growth requirements, supporting the hospital’s ongoing expansion.



Unifies IT operations on a single platform



Simplifies management and maintenance



Enables efficient collaboration across campuses

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“The Lenovo SDI solution has greatly **improved the continuity of medical services** across the hospital. It ensures smooth and error-free information-sharing between doctors, nurses, and patients, and enables **efficient collaboration across campuses and departments.**”

Li Xuan

Director of Information Center, Nanjing First Hospital

Why Lenovo?

While Nanjing First Hospital was impressed by the technical specifications of the Lenovo solution, it was Lenovo's healthcare industry expertise that sealed the deal.

“Lenovo has a strong reputation in the healthcare sector here in China, having helped many hospitals with similar IT transformation projects,” says Li Xuan. “The Lenovo team was very professional and experienced, and we always felt that we were in safe hands.”

How can hospitals keep operations running smoothly across multiple sites?

Nanjing First Hospital worked with Lenovo to deploy a flexible software-defined infrastructure that makes it faster and easier to deliver services across campuses.

[Explore Lenovo ThinkSystem Solutions](#)