



CUTTING EDGE NETWORK PROVIDES HIGH AVAILABILITY AND PERFORMANCE

## SHANGHAI PUNAN HOSPITAL

Located in Shanghai's prestigious Pudong District, the Shanghai Punan Hospital was constructed in 1983.

Almost 1,000 staff members in 36 clinical departments perform over 10,000 operations, and treat approximately 1,000,000 patients each year.

**Location:** Shanghai, CHINA

**Vertical:** Healthcare

**Number of users:** 1000

**Deal implementation:** May 2014

**Business Partner:** Shanghai Wicresoft

### CHALLENGES

Punan Hospital has three buildings situated in different locations in the district that needed to be connected.

The hospital needed to install an active/active virtualization data center for their server farm.

In addition, there was a requirement for full wireless coverage throughout all areas of the hospital.

### PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 9700E Chassis LAN Switch

Alcatel-Lucent OmniSwitch® 6850E Stackable LAN Switch

Alcatel-Lucent OmniSwitch® 6450 Stackable Switch

Alcatel-Lucent OmniSwitch® 6900 Stackable LAN Switch

Alcatel-Lucent OmniAccess® AP103H

Alcatel-Lucent OmniVista® 2500 Network Management System

Alcatel-Lucent OmniVista® 2500 Virtual Machine Manager

### WHY ALCATEL-LUCENT ENTERPRISE

During the proposal stage, Alcatel-Lucent Enterprise proved to be the best vendor to provide Shanghai Punan Hospital with everything they needed.

Importantly, Alcatel-Lucent Enterprise could offer an end-to-end network with a solution for a 'No Single Point of Failure' infrastructure system.

## BENEFITS

### TECHNICAL

The high availability of the network system enables data, voice and video convergence applications.

Having a unified access policy for both wired and wireless networks creates an improved synergy of communication, data and voice, in all areas of the hospital.

The Access Guardian solution provides powerful and simple access control, with a User Network Profile policy, creating a highly reliable network structure.

### FINANCIAL

The solutions implemented have reduced operational costs by 30%.

### USER EXPERIENCE

Thanks to now having secure and consistent wired and wireless internet access, staff and patients are benefiting from the high availability and improved performance of Punan Hospital's network.

“Alcatel-Lucent Enterprise's wireless unified access solution not only ensured high security protection, but also significantly reduced our operational costs. This shortens the duration of consultations, while providing prompt and effective service to the patients and staff at the hospital.”

Hui Jin, IT Manager, Shanghai Punan Hospital.