Shanghai Rural Commercial Bank enhances data center operations with CommScope

上海农商银行 SRCB

Customer

Shanghai Rural Commercial Bank

Country

China

Challenges

Securely handle massive amounts of highly sensitive customer personal and financial data through SRCB's 140,000-square-meter Business Processing Center (BPC) in Shanghai.

CommScope solution

To upgrade its data center and business infrastructure, SRCB selected the CommScope InstaPATCH 360® preterminated fiber cabling and the imVision® intelligent infrastructure solution..

China's financial services market is among the world's fastest growing. Technological advances and infrastructure growth have powered rapid expansion—with mobile banking at the heart of it.

The leading Chinese bank, Shanghai Rural Commercial Bank (SRCB), improves growth while delivering excellent customer service. SRCB was established in 2005 following more than 50 years of operation under the name of Shanghai Rural Credit Co-operatives Union.

Today the organization has more than 390 branches, has registered capital in excess of 5 billion yuan, and employs around 6,000 staff. The company is headquartered in Shanghai and was named Best Rural Commercial Bank by the China Banking Development Forum in July 2014.

SRCB serves customers with financial services solutions, including personal and corporate banking, SME property-secured and farmers' cooperative credit loans, international business and E-banking.

Taking award-winning financial service to the next level

SRCB handles massive amounts of highly sensitive customer personal and financial data through its 140,000-square-meter Business Processing Center (BPC) in Shanghai. SRCB's goal was to enhance its data center and BPC operations to complement its business vision to "develop a convenient bank offering caring and thoughtful services to the people." This would also include improving the network to support the core services of mobile banking and E-banking. The goal also included minimized disruption to core daily operations—helping SRCB continue focusing on business goals.

The right partner, the right solution

To upgrade its data center and business infrastructure, SRCB selected the CommScope InstaPATCH 360® preterminated fiber cabling and the imVision® intelligent infrastructure solution. SRCB had worked with CommScope before, and has enjoyed a strong ongoing working relationship with them.

imVision gives a complete view of the physical network infrastructure, including all cabling, panels, faceplates, network equipment and other IP devices. It can also schedule and track all adds, moves and changes to the network.

Additionally, SRCB can upgrade more easily to a high-density environment via InstaPATCH® preterminated cabling, which can quickly and conveniently support migration to 40 Gb/100 Gb ethernet and 16 Gb/32 Gb fiber channel applications. With 96 fibers supported in a 1U shelf, InstaPATCH 360 is the ideal solution to SRCB's high-density environment. imVision also provides improved visualization, documentation, and reporting of all cabling and delivers detailed real-time monitoring. As such, SRCB enjoys proactive threat detection and fault prevention.

Fire safety is provided by CMP (copper) and OFNP (fiber-optic) fire-retardant cabling, compliant with national regulation GB50174-2008.

Enhanced operations, minimized disruption

One of the key factors in SRCB choosing CommScope was the successful ongoing partnership between the two companies. SRCB also knew that CommScope could deliver an efficient, advanced open cabling system that would be cost effective, deliver great return on investment (ROI), and not disrupt daily banking operations.

The project has so far delivered on all SRCB's requirements, meets all necessary international and domestic standards and regulations, and remains scalable in line with future needs.

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- Twenty percent of the people using mobile banking live in China

- China will outstrip the U.S. and the Eurozone for non-cash transactions in the next five years

- Mobile banking in China created 4.8 trillion yuan in Q4 2013

- There are more than 700 million smartphones in China

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.

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