



Connecting Sichuan

Public-Private Partnership Helps Transform Healthcare and Education for Over 60 Million People in China



The issue

In 2008, a massive earthquake destroyed hundreds of hospitals, clinics, and schools, strained an already overburdened healthcare system, and isolated communities from resources that could help them rebound from the disaster.



Quick Facts

Timeline

July 2008 to July 2011

Region

Sichuan Province, China

Cisco Investment

US\$50 million

People Impacted

60 million

CSR Focus Areas

Healthcare, education

Related initiatives

Jordan Healthcare Initiative, 21st Century School Initiative

Technology Used

Borderless networks, Cisco TelePresence, data center, education & healthcare clouds, telehealth networks, virtual education broadcast centers

Human Network

Government agencies, businesses, healthcare & education sites

Contact

csr.cisco.com/contact

Connecting Sichuan was Cisco's three-year, US\$50 million public-private partnership to help revitalize the province's healthcare, education, and workforce using information and communications technology (ICT).

Technology networks now deliver quality healthcare and education to tens of millions of citizens in previously hard-to-reach parts of Sichuan Province. As part of the program Cisco:

- Formed partnerships with Chinese government agencies, hundreds of health and education professionals, and many nongovernmental and business organizations.
- Built three mobile clinics; technology-enabled 66 healthcare organizations and 32 "smart" hospitals; and established four telehealth networks and six regional healthcare "clouds" that link rural villages to full-service hospitals and Department of Health resources.
- Deployed Cisco TelePresence so healthcare professionals could examine patients remotely. Today healthcare facilities equipped with Cisco technologies are used by more than 7000 practitioners, supporting nearly 300,000 patients per month.
- Equipped 1140 classrooms in 94 schools with Cisco networking capabilities and multimedia tools. Through eight virtual education broadcast centers, rural students learn new subjects from expert teachers in urban centers during virtual classes; six provincial and county level education clouds connect schools with each other and with centralized resources.
- Established data centers that support 60 million medical insurance records and more than 400,000 electronic health records.
- Expanded the Networking Academy program to train a new generation of network professionals to maintain a newly established communications infrastructure.

you + networks = impact^x



Impact of Connecting Sichuan

Multiplying Impact on Education



Connecting Sichuan helped 112,000 teachers enhance their skills, provided technology-enabled classrooms for 135,000 students, and set up TelePresence professional development network across 26 sites. Sichuan Normal University conducted a three-year result-tracking project in 7 of the 13 counties where Connecting Sichuan was implemented. The participating schools witnessed an extraordinary result compared to data gathered prior to Connecting Sichuan: University admission rates increased from 67 to 83 percent; teachers' professional development performance increased by 211 percent; and students' competition performance increased by 399 percent.

Multiplying Impact on Healthcare



Wenchuan People's Hospital has used the mobile clinics to offer free health screenings to citizens in remote parts of the province. The program highlights the value of early detection: In just one six-month period in 2012, they conducted health screenings for over 35,000 individuals; 3000 were diagnosed with hypertension and 700 with diabetes. More than 1000 patients had gall bladder stones and more than 500 had kidney stones. Over 30 percent of diagnosed patients did not suffer any symptoms and were previously unaware of their conditions. Two mobile clinics donated through Connecting Sichuan also supported the response to the Sichuan Ya'an Earthquake in April 2013. The clinics were linked to Health Emergency Response Centers in 18 cities and dispatched to the earthquake site, allowing seamless communication and better planning and allocation of resources. The Sichuan Department of Health used the mobile clinics as part of a field hospital, linking them with major hospitals in Chengdu and Beijing to support remote consultations.

Metrics



32%
reduction in antibiotic expenses identified thanks to network technology



22%
of monthly income: the amount saved by patients who receive remote healthcare through Cisco TelePresence



24%
increase in university admission rate



211%
increase in teachers' professional development performance compared to data collected prior to Connecting Sichuan

*Worker statistics captured in Q4 2012 through surveys and Samahub metrics

Multiplying Impact on Business



The success of Connecting Sichuan has changed how local governments view ICT, particularly at the decision-making level. It has also changed healthcare delivery models in China. Wenchuan People's Hospital, for example, is now considered the "center of collaboration" within the region. It attracts increasingly more patients from outside the immedi-

Cisco Corporate Social Responsibility

csr.cisco.com



We create opportunities to transform lives, communities, and the environment through the combined power of human collaboration and networked connections. We call this "impact multiplied." Together with others, we apply technology to unlock the intelligence and fuel the innovation needed to address some of the world's most pressing problems.

Our Corporate Social Responsibility efforts focus on five areas: improving the well-being of people and communities around the world; using our technology to improve environmental sustainability; conducting our business ethically; creating a workplace where our employees thrive; and maintaining our high standards for ethics, labor rights, health, safety, and the environment throughout our supply chain. Learn more at csr.cisco.com