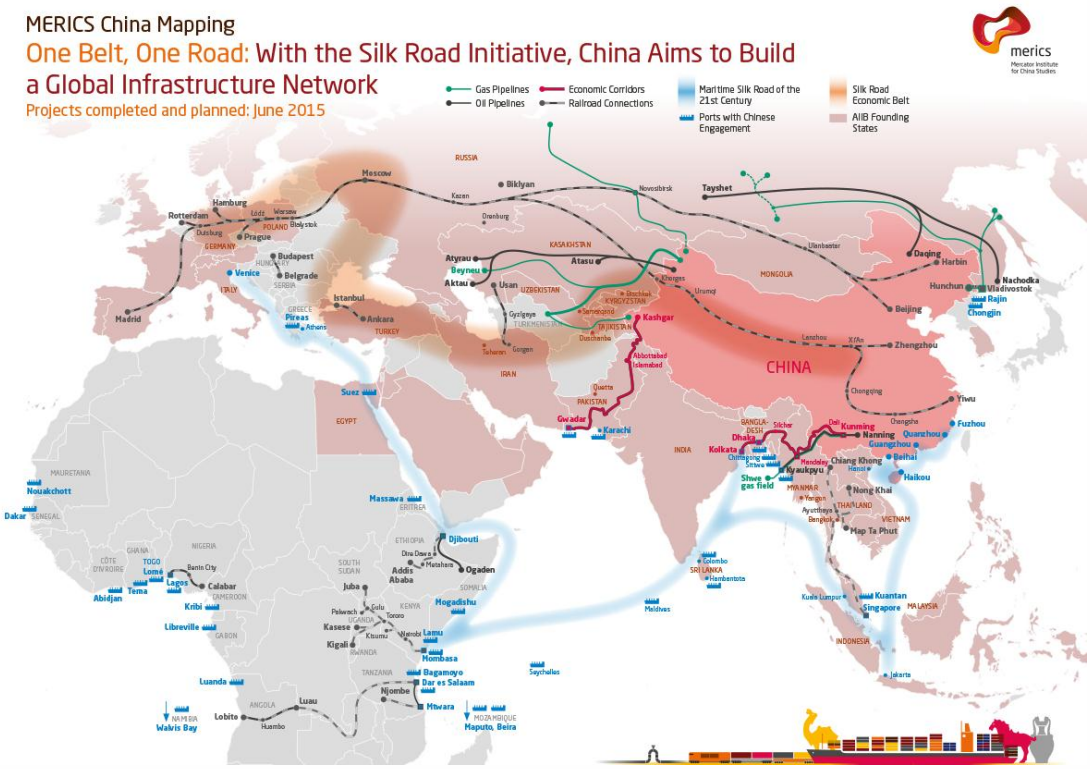
Sangfor WAN Optimization Powers Chinese Enterprise along the Way of the Belt and Road Initiative

The world today is undergoing profound and complex changes. Deep impacts of the international financial crisis continue to surface; recovery of world economy is slow and divided; situation of international investment trade and rules of multilateral trade brew weighty readjustment; development issues faced by all countries still exist. In the spirit of regional cooperation, in order to keep maintaining the global free trade system and an open world economy, it is necessary to establish the “Belt and Road Initiative" that conforms to the trend of multi polarization, economic globalization, cultural diversity and social informatization.

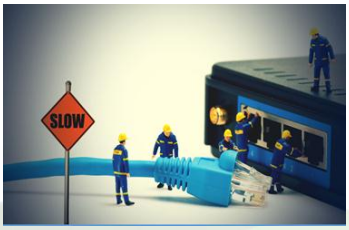


Source: http://www.merics.org/en/merics-analysis/infographicchina-mapping/china-mapping/

In the process of informatization, as development levels of network infrastructure of each country vary, in certain regions WAN link is unstable,

costly and of poor quality. Such situations are even worse with cross-country links, enterprises' work efficiency has been negatively impacted, hindering their development in the overseas markets.

UNSTABLE

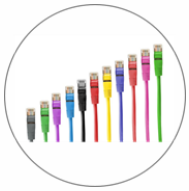


POOR QUALITY

EXPENSIVE

In order to adapt to more complex network environment and not let bandwidth expansion be the "black hole" that keeps sucking in IT investment, it is time to choose a new solution.

High speed VPN: Using our own patented technology, with convenient configuration, flexible encryption algorithm and acceleration functions, Sangfor VPN can quickly build up dedicated intranet network for enterprise with the same performance as MPLS/ dedicated line and only 50% of its cost.



Multi-link: Customers often choose multiple links as redundant backup for business continuity. Sangfor WAN Optimization can automatically detect link availability and select path according to application and IP, so that core application will be given

priority to use high quality links; when one link breaks down, traffic will automatically switch to another link.

Application Acceleration: Bandwidth consumption can be greatly reduced with data compression and caching technology, thus reducing expansion cost. By expanding transmission window and using congestion control technology, transmission efficiency of TCP can be improved, network transmission speed is significantly increased accordingly under the condition of high packet loss and high delay. With the interactive mechanism of applications being optimized via application layer protocol technology, dozens of common applications such as Mail/OA systems can all be accelerated; as a result, branches can enjoy faster access to business applications.

Video Optimization: Using cache, proxy and link packet automatic retransmission technology to optimize UDP data, mosaic is eliminated and video conference can take place much more smoothly.

Case Studies

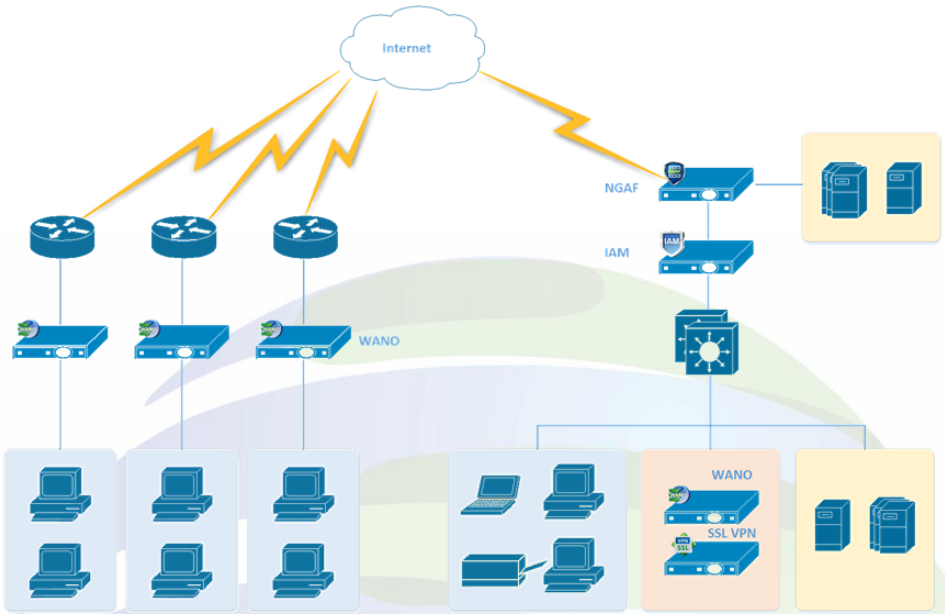
Xinjiang (China) Cross-Border Remote Medical Service Platform

Taking Urumqi city as the core node, Sangfor WAN Optimization devices are deployed by each secondary node, including 41 2nd-tier hospitals in the city, renown hospitals in Beijing, Shanghai, Guangdong, etc., as well as major hospitals in Kyrgyzstan, Georgia and other 8 countries. After deploying WAN Optimization to optimize of video conference, remote medical consultation is now enjoying smooth video and clear audio.

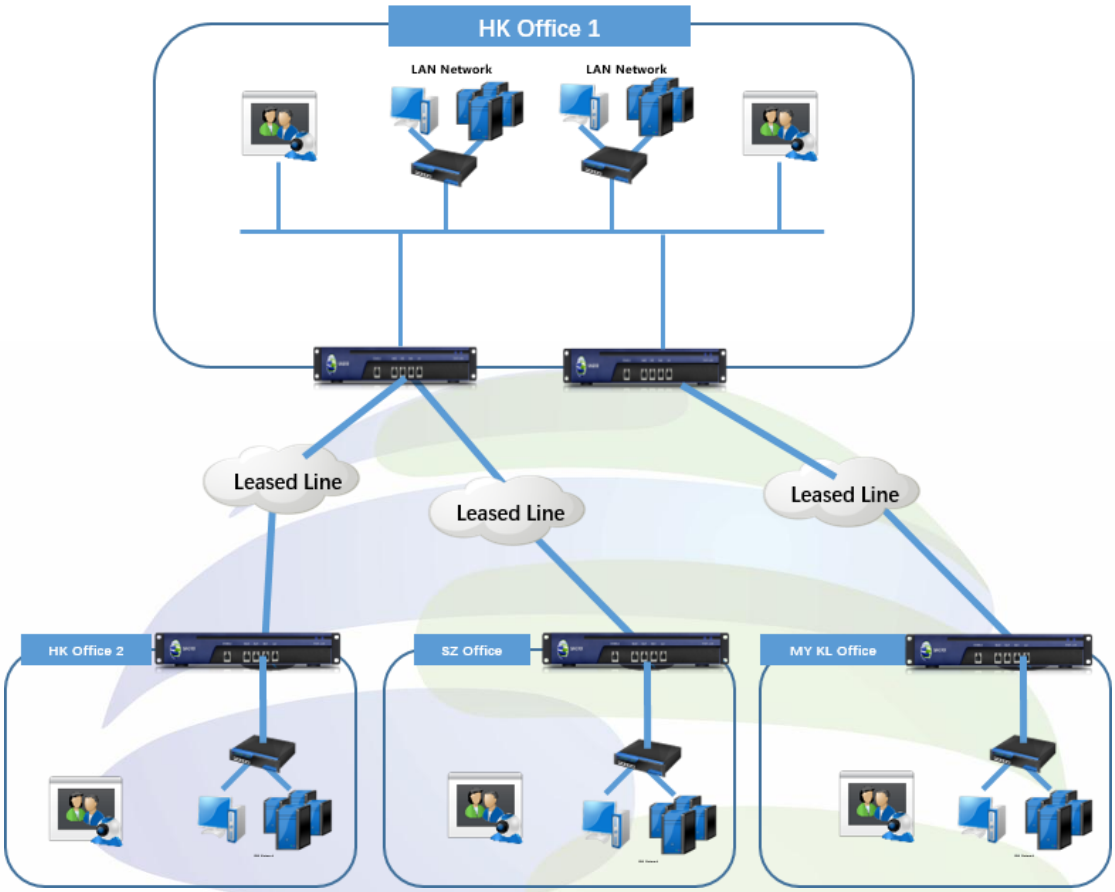
CNQC 中国青建

Qing Jian Group Singapore Branch: Use high-speed VPN to connect headquarter and all the sites in

Singapore, accelerate applications like Exchange/ERP/ file server, etc.



CGNPG: Due to special nature of the industry, data transmission needs to be highly encrypted to ensure its security, but that need is somewhat limited by their bandwidth. They have used WAN Optimization to guaranteed priority for core applications, as a result applications have been accelerated and user experience has been obviously improved.



广域网优化WOC

WAN OPTIMIZATION