



## CASE STUDY

# Taikang Bybo use DYXnet MPLS network solution

## Country-wide private network connection improves network management capability

### Industry

Medical & Healthcare

### Customer Needs

- Need of a service provider with a stable and efficient after-sales team
- Require high efficiency of communication mechanism and have a quick response to any emergency with related solutions
- Have some past customer successful cases of large chain store as reference

### Solution

DYXnet MPLS Network Solution

### Core Benefits

- Unified management of branch organisations to significantly improve operational efficiency
- Adopted Dual IPsec to connect to different POP nodes of DYXnet's network, automatic switching to the backup network is included, in case of connection failures, it provides exceptional scalability and flexibility
- Encrypted valuable data to ensure security and transmission

### Customer Quote

"After using DYXnet Group's private network services, the network system of Taikang Bybo's branches has improved significantly. In the past, our hospitals and clinics used to access our central data centre through the public network. Without a unified management platform, the complete accessibility and security of our data is not guaranteed. Our partnership with DYXnet Group allows us to accurately manage the network of all or existing branches, thereby significantly improving our operational efficiency. In addition, DYXnet's service capacity went beyond our expectations, their team is professional, efficient and conscientious."

Head of IT Department of Taikang Bybo



### About Taikang Bybo

Originally "Bybo Dental," Taikang Bybo Dental was founded in Shenzhen in 1993. Seeing through 27 years of rapid development, Taikang Bybo has grown become a large chain with more than 200 dental outlets spreading across over 50 cities in China (including Beijing, Shanghai, Guangzhou, Shenzhen, etc. In December 2018, Bybo Dental changed its brand name to "Taikang Bybo Dental", becoming wholly dedicated to providing high-quality oral health care services to mid- to high-end customers.

### Business Challenge

Prior to DYXnet, Taikang Bybo Dental had to simultaneously think about how to upgrade their network quality to cope with the expansion of their business. They needed to connect their hospitals and clinics across the nation and optimise both their network control capability and operational efficiency of each branch in order to improve its overall operations.

### Tailor-made Comprehensive Planning

With more than 200 clinics sprawled over 50 cities in China, Taikang Bybo was in need of a platform that would enable secure intercommunication, and more unified management capabilities. With DYXnet MPLS network, the communications among hospitals, clinics and data centre are highly accessible and secure. It also has flow control, network behaviour management and remote unified management. In addition, each branch has adopted dual IPsec to connect to different POP nodes of DYXnet's network. As such, in case the main cable fails, the client will automatically switch to the backup network, which is cost-effective and high availability. Cable bandwidth can be seamlessly upgraded at any time in accordance with any business developments of Taikang Bybo. With great scalability and flexibility, the entire network is convenient for expansion and the addition of new points, which in turn, expedites the opening of new stores. DYXnet also provides end-to-end pro-active maintenance. The 7x24x365 business network management system monitors the MPLS backbone transmission network, customer network devices, telecommunication cables and other network resources in real-time manner to ensure stable and uninterrupted operation of each part of the network system. Through DYXnet's secure and stable network transmission, management can keep a hold of the operational status of each branch to provide escort for business improvement.

## DYXnet's solution advantages – MPLS Network

- **Industry-leading network architecture**

With a comprehensive network architecture that includes built-in backup services and extensive coverage, DYXnet's world-class MPLS core network assisted Taikang Bybo Dental in its mission to connect over 200 outlets in more than 50 cities across the country together, improving the overall network control capability of each individual store.

- **Professional and efficient service team**

DYXnet's professional, efficient and conscientious team is able to troubleshoot any potential problems in a timely and accurate manner. DYXnet was able to answer questions raised by Taikang Bybo. At the same time, DYXnet's Network Operation Centre (NOC) provided network device management, network monitoring and regular reporting to help its customer understand changes in network cables.

- **Excellent tailor-made services**

DYXnet provides point-to-point services and has formulated an exclusive network solution for Taikang Bybo in order to assist them in unifying the network management of all stores so as to improve their operational efficiency.

## Why DYXnet?

As early as 2016, Taikang Bybo began to look for private network service providers and conducted a screening and tendering process across the country. After comprehensive comparison of several network service providers, they decided to cooperate with DYXnet Group due to our outstanding service capability.

DYXnet assisted Taikang Bybo in unifying the network management of all its stores, upgrading the original network of each branch and making changes to the unreasonable connections in some areas, which greatly reduced the overall costs and improved the operational efficiency.

## About DYXnet

DYXnet Group is one of the leading carrier-neutral enterprise network service providers in Greater China with over 20 years of experience. With 11 offices located in Hong Kong, Mainland China, Taiwan, Singapore and Vietnam, DYXnet houses a workforce of almost 500 office staff. The Group is a wholly-owned subsidiary of 21Vianet Group (NASDAQ: VNET), a leading carrier- and cloud-neutral Internet data center services provider in China.

Right from its establishment in 1999, DYXnet Group has been specialized in providing premier enterprise network solutions in Greater China. The Group delivers Multiprotocol Label Switching (MPLS), Software-Defined WAN (SD-WAN), Internet Access, Data Centre Services, and Network Security Solutions to over 1,700 enterprise clients via efficient provisioning capabilities in numerous cities throughout Greater China and the wider Asia-Pacific region. DYXnet Group's mainland China operating company, Shenzhen Diyixian Telecom Company Limited, became the first official members of the China Cross-border Data Telecommunications Industry Alliance and appointed as one of the "SD-WAN Service Standard Drafting Units". In response to the evolving needs of its ever-growing customer base, DYXnet enlarges its product portfolio to further deliver enterprise cloud and SaaS solutions.

With its outstanding performance in delivering secure, stable, and comprehensive network services, DYXnet Group is the first batch of ICT service providers in Greater China to obtain several ISO international certifications including ISO/IEC 27001:2013, ISO/IEC 20000-1:2018, and ISO 9001:2015 that reinforce the high standards of its information security, IT service management, and quality management, respectively.

To know more about DYXnet, please visit our website at [www.dyxnet.com](http://www.dyxnet.com)



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