

# Hip Hing Construction adopts DYXnet's MPLS network solution to enhance digital communications for better operational efficiency

## Industry

Construction

## Customer Needs

- Smooth access to AutoDesk software with its server located in the United States for daily business operations
- Improve work efficiency among teams, business partners, and vendors to ensure timely delivery of projects
- Maintain stable communication network between Hong Kong and Shenzhen offices for frequent transmission of multimedia files and applications, including 2D floor plans and perspective drawings, 3D models, and animations, etc.

## Solution

DYXnet MPLS Network Solution

## Core Benefits

- Stable and efficient communication network between different branch offices
- AutoDesk 360 software authorization
- Multi-path network infrastructure planning and implementation for stable connection
- Smooth and secured file transfer
- Provision of IT support which reduces upfront investment costs for hardware and software

## Customer Quote

**"We need a good network solution to improve file transfer and access cloud application between our local and Shenzhen teams under BIM department. There is actually no IT support in our Shenzhen office so a legal, stable and effective network solution is essential for our team's communication. DYXnet's MPLS solution is very cost effective and their experienced services in China ease our worries about network stability."**

Senior Network Engineer,  
Hip Hing Construction Co., Ltd.



協興建築有限公司  
HIP HING CONSTRUCTION CO LTD

新創建集團成員 Member of NWS Holdings

## About Hip Hing Construction Co., Ltd.

Hip Hing Construction Co., Ltd. ("Hip Hing") established in 1961 and has become one of the leading contractors in Hong Kong. Hip Hing has constructed many of the landmark buildings which define Hong Kong, such as HKCEC Phase I & II, Time Square and Lippo Centre, etc. Hip Hing is wholly owned by NWS Holdings Limited (Hong Kong Stock Code: 659) which is the diversified industries flagship of New World Development Company Limited (Hong Kong Stock Code: 17).

## Business Challenge

Hip Hing Construction's team which is responsible for verification of drawings and documents is located in Shenzhen. It needs to communicate with the Hong Kong headquarters frequently for drawing content in the work documents, including drawing paths and slash characters, etc., for completion of construction projects. However, Hip Hing has problems connecting to the Autodesk server located in the United States, including identity authentication and proxy server settings errors, etc., which leads to work and even project delays. In addition, security is another issue that needs to be attended to. Hip Hing needs to prevent unauthorized misappropriation of any drafts, valuations or other documents related to their construction projects. Therefore, advanced security is of paramount importance for documents sharing and collaboration.

Without an IT team in its Shenzhen office, it is difficult for Hip Hing Construction to provide adequate support for any network or cloud file sharing issues internally, so it requires the assistance of an experienced network service provider in Mainland.

## Tailor-made Comprehensive Planning

In order to offer comprehensive network infrastructure planning and implementation to Hip Hing, DYXnet reviewed their current network configuration to select the most appropriate MPLS network solution, including connection to DYXnet's backbone network-based data centres from their Shenzhen office for stable network performance.

Through DYXnet's private network (MPLS Network), AutoDesk 360 authorization is connected to the US server from Hong Kong, so that Hip Hing team can use the software smoothly and prevent interference due to transmission speed and Internet interruption or network instability, thereby improving work efficiency.

To maintain close communication between different branch offices, not only did DYXnet assist Hip Hing in increasing its network bandwidth, it also provided top-level technical support and analyzed their traffic data for network optimization.

## DYXnet's solution advantages – MPLS Network

- **Comprehensive multi-path network infrastructure planning and connection for stable network performance**  
DYXnet conducted comprehensive network infrastructure planning and implementation for matching their network configuration and DYXnet's MPLS solution to achieve stable network performance for Hip Hing.
- **Stable and secured network for real-time data and file transfer**  
Through DYXnet's MPLS private network solutions, multi-media files such as images, production, and sales data files can be transferred smoothly and securely between the headquarters and the production base.
- **Strong support team with prompt follow-up action**  
DYXnet provides single point-of-contact troubleshooting service to ensure prompt responses to client enquiries and real-time follow-up action.

## Why DYXnet?

DYXnet's Mainland operating company has been selected as the first official members of the China Cross-border Data Telecommunications Industry Alliance and the SD-WAN service standard drafting units. With extensive knowledge in China laws and regulations and relevant business licenses, DYXnet can assist Hip Hing by carrying out comprehensive network infrastructure planning and implementation to optimize their digital communication for better 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. 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.

For more information about DYXnet Group, please visit [www.dyxnet.com](http://www.dyxnet.com).