

# P-Two enhances cross-border team collaboration and communications through DYXnet MPLS solution

## Industry

Manufacturing Industry

## Customer needs

- Build a seamless cross-border communication and meetings channel to achieve high production quality and on-time delivery for customers across the globe
- Support the company intranet ERP system, e-forms and heavy email communication
- Ensure a stable and secure transmission of video, voice, and data
- Instant support services

## Solutions

- DYXnet MPLS Network Solution

## Core Benefits

- Full mesh architecture and backup mechanism to maintain communication stability
- Enabled Quality of Service (QoS)
- Reduce costs and improve production efficiency
- Low-latency, highly reliable service to ensure continuous, stable, and reliable business operations
- Enable efficient network connection between factories in mainland China and data centers in Taiwan.

## Customer Quote

"We have been using DYXnet's MPLS network solution and VoIP voice call service for nearly 20 years. DYXnet has helped us to build a stable and fast cross-domain network, and has effectively improved the communication between the headquarter and the factories. In the event of network issue, DYXnet's team always provides instant support services patiently and professionally. Its professional and considerate service is reassuring and we look forward to our continuous cooperation with DYXnet."

— Mars Lee, Senior Engineer,  
P-TWO Industries Inc.



## About P-TWO Industries Inc.

P-TWO INDUSTRIES INC is a manufacturer of computer related components, communication equipment (mobile phones) and various precision terminals and connectors in the 3C industry. Since its establishment in 1986, P-Two has been fulfilling its commitment to environmental protection and strive for the creation of intellectual property rights and the related patents and trademark protection.

In addition to the Taoyuan Headquarters, there is factory in Suzhou and has implemented a green lead-free process, recycling measures and waste management for many years. P-TWO has number of customers with outstanding reputation across the globe, and has been focusing on the penetration of the international market.

## Business Challenge

Since 1999, P-TWO has been expanding its business and production line to Hong Kong, Dongguan, Shenzhen, and has integrated its manufacturing resources in Suzhou in 2011. In response to the need of frequent communication and data transmission in daily operation, there is a need for P-TWO to enhance the team communication by optimizing its network infrastructure.

After numbers of migrations and transfers, P-TWO understands that the close-loop design framework of the International Private Leased Circuit (IPLC) was vulnerable in handling the network emergencies and ever-changing network demands. Furthermore, with the high usage of the ERP system and e-forms, and the increasing demand for cross-border video communication between teams and departments, P-TWO was looking for a solution that can ensure the security and stability of company's massive data transfer.

## Tailor-made Comprehensive Planning

To support P-TWO's business activities across Asia, DYXnet introduced the MPLS network solution for P-TWO, as it enables connection to network points between P-TWO's Taiwan headquarters, its datacenter in Taipei and factories in mainland China. By utilizing the most efficient method of label switching, it eliminates the drawback of traditional routing base, which requires the examination of IP header. It also speed up packet processing to allow various applications such as data, voice, and video, with the combination of relevant service quality assurance mechanisms such as service-level guarantee and application priority. At the same time, DYXnet is helping P-TWO to identify the most cost-effective way in maximizing network utilization and efficiency.

Combined with MPLS and VoIP services, DYXnet concatenate traditional and Internet telephony which provides a rapid and secure connection that is especially desirable for real time communication. The use of video equipment for multi-point video conferencing improves the efficiency of P-TWO's cross-border communication as well as collaboration, and through the customer service portal platform simplify its management and enhances operational efficiency.

## DYXnet's MPLS Product Advantages

- **Secure, reliable, and flexible wide area network**  
Signal quality is vital to a smooth network conference. DYXnet's MPLS backbone network has a full mesh architecture and a multi-route backup mechanism to maintain signal stability, as well as to enable Quality of Service (QoS). Even multiple video conferences are held simultaneously, there would be rarely blurred images or delay, ensuring smooth communication in meetings.
- **Low latency, high reliability and high availability**  
DYXnet MPLS network solution can customize the service level based on the application, usage and business needs, realize dynamic adjustment, and ensure that the enterprise network connection is productive, efficient and in high transmission speed.
- **7x24 hours comprehensive operations and maintenance support**  
DYXnet strives to provide excellent customer service for two decades and has obtained ISO/IEC 27001, ISO/IEC 20000 and ISO 9001 with commitment to quality management. DYXnet's Network Operation Center (NOC) provides proactive network device management, network monitoring and reporting services, assisting P-TWO with a 7 x 24 multi-language service support.

## Why Choose DYXnet?

DYXnet has been working with P-TWO since 2006 with the provision of MPLS network solution to three of their sites at the beginning. In the early 2000s, there were only a few reliable first and second classes telecom operators in the market provided MPLS private network services. DYXnet, as the first provider who possessed nation-wide private network service business licenses in China, provides competitive prices and sound IT & infrastructure network services to help P-TWO get ahead of the curve.

Throughout the 20 years of partnership, DYXnet has developed a thorough understanding of P-TWO network infrastructure and has been providing P-TWO with comprehensive and reliable assistant in its business development. With established relationship and trust between both parties, the network maintenance service quality can be best optimized.

## About DYXnet

Right from its establishment in 1999, DYXnet 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, please visit [www.dyxnet.com](http://www.dyxnet.com)