



CASE STUDY

Gogoro leverages DYXnet SD-WAN service to achieve an enterprise cloud platform for green

Industry

Manufacturing

Business Challenge

- There is a need of a one-stop platform for each Gogoro store to integrate.
- Its intranet architecture and eliminate network problems.
- Data from the corporate headquarters, stores and Amazon Web Services public cloud platform need to be linked and exchanged.
- The increasing number of stores creates an urging need for network solutions which support a high and stable bandwidth at a low cost.

Solutions

DYXnet SD-WAN Solutions

Core Results

- Network deployment completed in a timely and attentive manner
- Monitor all their network points in Taiwan through centralized orchestrator
- Data encrypted to ensure security
- Flexible integration of enterprise private and public cloud platforms

Customer Quote

Despite its competitive price, DYXnet spares no effort in providing integrated network solutions without delay. We did not hesitate to engage DYXnet for its network service throughout the preparation work for new shops, from network infrastructure as well as after-sales support service.

About Gogoro

Gogoro is a manufacturer of electric scooters in Taiwan established in 2011. In 2019, it has expanded to 125 points of service and has sold nearly 150,000 vehicles throughout the year. Gogoro is determined to reshape the way people use energy through the power of the Internet and technology, and promote metropolises around the world to gradually transform into smart cities. Gogoro introduced the world's first smart electric two-wheeled vehicle Smartscooter®, and the advanced battery-swapping facility Gogoro Energy Network, in the hope to protect the environment and implement the development of smart cities through more autonomous and smart energy use by individuals.



Business Challenge

With the rapid increase in points of service, Gogoro is facing the challenge of high cost associated with network management and building for their stores, cloud service and headquarters. A traditional network architecture carries all traffic from each branch to a data centre which may cause network instability or disconnection. IT technicians need to spend time on troubleshooting and repairing, which will affect the service standard and customer satisfaction, and even business profits.

Tailor-made Comprehensive Planning

To cater to their needs for building a network for 100 service locations, DYXnet has customized a SD-WAN and MPLS VPN network design, featuring more than two types of connection options including MPLS network, broadband Internet, and 4G/5G mobile network, etc. for Gogoro. Gogoro adopts DYXnet SD-WAN service to speed up its store network deployment and utilises their existing Internet circuit to perform active transmission. By using stable DYXnet MPLS network backbone and Amazon Web Services public cloud platform for data exchange, Gogoro has met their need for a high and stable bandwidth at a low cost.

In the past, Gogoro used to adopt a traditional Internet network service and faced network failures or poor network connection in stores, which required IT technicians from the headquarters to spend time on troubleshooting and solving the problem. With the use of SD-WAN's centralized orchestrator to control all service points and the headquarters' networks, which forms a private network within the IP network and adopts centralized policies to govern the ways of operations, network construction, configuration, and management have been made easier and automated. A stable and fast network system enables staff from Gogoro stores to handle product sales, inventory inquiry, and customer data management, as well as other comprehensive services such as test drive appointment, vehicle licensing, etc., greatly improving business operations efficiency.

SD-WAN Product Advantage

- **Simple Operations and Fast Deployment**

The configuration of SD-WAN service is simple. By connecting the device to the power supply and the WAN cable, the installation can be completed in just a few minutes. The start-up, configuration, and subsequent operations and management can be handled remotely by the central coordinator, which is particularly suitable for network deployment with scattered service points like Gogoro.

- **Centralized Orchestrator**

Gogoro's Information Department can utilise the SD-WAN central coordinator as a single management platform for centralized control, configuration, monitoring, and troubleshooting. They can also change the system settings of each service point directly, which can eliminate the complicated work for individual changes, greatly improving the operational efficiency of the company.

- **Data Encrypted to Ensure Security**

With Gogoro's huge database and scattered points of sales for deployment, SD-WAN can provide multiple layers of security encryption and protection to ensure that all data from the WAN edge to the cloud can be protected and can achieve monitoring of applications.

Why Choose DYXnet?

Gogoro is looking for suitable network solutions to cater for the rapid expansion of points of service. Despite a strong competition for the provision of SD-WAN solutions in the market, most of the providers - only provide network product solutions alone. Apart from offering an optimized, direct access to public and enterprise private cloud services through its centralized orchestrator, DYXnet provides professional technical support and comprehensive after-sales services, as well as round-the-clock network monitoring.

Gogoro will continue to adopt DYXnet SD-WAN service for network deployment. In the future, Gogoro will work with DYXnet to connect all the networks of its points of service, headquarters, factories end, and remote offices, through DYXnet SD-WAN service or other added-up services to create a more complete cloud infrastructure.

About DYXnet

Right from its establishment in 1999 to emergence in becoming Greater China's leading carrier-neutral network service provider, DYXnet Group has been specialized in providing Enterprise Network Solutions including Multiprotocol Label Switching (MPLS), Software-Defined WAN (SD-WAN), Internet Access, Data Centre Services, and Network Security Solutions to 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. 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.

With its outstanding performance in delivering secure, stable, and comprehensive network services, DYXnet Group was among the first 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



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