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**VIA** VIA Technologies, Inc.

Li Lin,  
Chief Information Officer

## VIA Technologies Modernizes Network Architecture with TrueCONNECT™ Hybrid SD-WAN is Comparable to Dedicated Internet Access with Enhanced Efficiency at Reduced Cost

To meet the needs of business operations in the digital era, VIA Technologies migrated to the TrueCONNECT™ Hybrid SD-WAN service to build a smart modern network architecture that facilitates corporate digital transformation and improves global operational efficiency and market strategies.

Founded in 1987 and headquartered in Xindian District, New Taipei City, VIA Technologies is a global leader in highly integrated embedded platforms and system solutions. It is dedicated to connecting businesses to advanced artificial intelligence (AI), Internet of Things (IoT), and computer vision technology with intelligent automotive, industrial, and building solutions that transform operational safety and efficiency. The company's global network links the high-tech centers of the US, Europe and Asia Pacific, with many of the world's leading hi-tech, manufacturing, and transportation enterprises.

**Global Pandemic Accelerated business Transformation. Agility and Flexibility have helped many businesses move faster than ever before**

“Political tension and the COVID-19 pandemic have disrupted the global trade order. Not only has market demand become increasingly difficult to predict, but it is also difficult to maintain a flexible business model. In this context, digital transformation

is definitely the top priority.” Li Lin, CIO of VIA Technologies, pointed out that facing a rapidly changing future, the company needs an information infrastructure and maintenance mechanism that is real-time, flexible, agile and data-driven. The IT Department plays a vital role in this process. Not only does it have to meet the business needs of the Sales Department, it also devotes itself to optimizing the digital experience, improving global operational efficiency and creating various business opportunities.

With a scenario of remote collaboration, all employees in overseas locations working from home, VIA Technologies adopted a multi-cloud and multi-network hybrid model. Traditional three-tier network architecture does not have the flexibility to be adjusted with traffic demand. Therefore, increasing bandwidth or blocking part of the traffic were the only ways to ensure normal operations of key core services such as ERP. Second of all, limited by the fact that the existing

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TrueCONNECT™ offers seamless, secure and reliable managed private network services. It uses MPLS network to link together offices and sites in different locations with multiple CoS and guaranteed QoS. It is a cost-effective alternative to IPLC and other Layer 2 private network without compromise to security.



network architecture does not clearly indicate which application services rely on network traffic, IT department cannot find out whether bandwidth is consumed by business needs or find out key factors affecting network traffic performance for potential optimization.

#### Corporate Competitiveness Enhanced by a Smart Modern Network Architecture

VIA Technologies reshaped its network architecture to improve bandwidth availability and solve problems such as visualization and optimization. After thorough evaluation, testing, and verification, CITIC Telecom CPC was selected as its partner for TrueCONNECT™ Hybrid SD-WAN service. The solution is tailored to meet VIA Technologies' global needs with an exclusive network structure for its locations worldwide. CIO Li Lin shared his experience: "Even during longer national holidays, if a switch in VIA Technologies is set up incorrectly, the 24/7 professional technical support can assist our team in eliminating the issue. This demonstrates CITIC Telecom CPC's professional capacity, communication skills and service quality, as well as offering us peace of mind. We see it as a partner rather than a supplier and entrust it with follow-up hosting services feeling reassured."

TrueCONNECT™ Hybrid SD-WAN is an SD-WAN (Software-Defined Wide Area Networking) solution with the VCO (VeloCLOUD Orchestrator), which visualizes corporate network traffic in order to facilitate timely strategy formulation. DMPO (Dynamic Multipath Optimization) allocates the private network and Internet traffic based on the importance of the application, as well as ensuring all critical data can be safely transmitted to maximize the benefits of corporate bandwidth. With the migration and implementation of TrueCONNECT™ Hybrid SD-WAN technology, VIA Technologies managed to

reduce operating costs and improve bandwidth availability. More importantly, transparency of network transmission allows IT staff to guarantee best utilization of each application and system: optimize user experience; build architecture that can be expanded for future business needs with minimum maintenance time.

#### Professional Localized Support Enables VIA Technologies to Stride Forward

VIA Technologies views its network infrastructure as key to digital transformation. The company's migration to CITIC Telecom CPC's TrueCONNECT Hybrid SD-WAN service has allowed VIA Technologies to meet dynamic network requirements and ensure operational efficiency, which in turn improves business responsiveness. More importantly, it allows VIA Technologies can initiate transformation with ease to seize market opportunities. Li Lin further pointed out that the SD-WAN network architecture includes multinational bases such as Taiwan and rest of the world. "From architecture design through formal deployment to verification and launch, CITIC Telecom CPC's professional service quality assisted in the seamless transfer of network architecture with great success and won our trust."

Looking to the future, Li Lin believes that remote multiparty collaboration will become the new normal and will speed up product development, testing and further improve operational performance. Centralized management of hybrid WANs will reduce the burden of managing networks and improve overall efficiency. The service provided by CITIC Telecom CPC allows VIA Technologies to be more flexible and agile in formulating strategies for the semiconductor market of the future.