CypressTel

USE CASE

A leading manufacturing company headquartered in China upgrades its global network infrastructure with CypressTel's multi-cloud direct connect and SD-WAN solutions to achieve superior reliability, scalability, and security for its complex hybrid cloud environment.

OBJECTIVES

To implement a unified, secure cloud connectivity solution that ensures seamless data transmission, improves network stability, simplifies management, enables flexible bandwidth scaling, and enhances security with advanced SD-WAN and SASE capabilities.

SOLUTIONS

CypressTel delivered a comprehensive solution combining dedicated cloud direct connect ports, dual local loop connections, and SD-WAN devices to unify and optimize the client's global network infrastructure.

KEY BENEFITS

Improved Network Stability
Dedicated direct connect and dual local loop design significantly reduced packet loss and latency, ensuring stable operations during peak periods.

Simplified Operations
Centralized management platform streamlined network monitoring and maintenance, enabling efficient operation without specialized IT staff at overseas branches.

Cost Efficiency
Elastic bandwidth and local access solutions reduced monthly network rental costs and improved return on investment.

Rapid Scalability
The solution supported fast deployment and flexible expansion to meet evolving business and cloud migration needs.

Enhanced Security
SD-WAN and future SASE support strengthened data protection across the network.

COMPANY OVERVIEW

The client is a major manufacturing enterprise with distribution branches across multiple countries worldwide. Their IT environment includes multiple public clouds: Alibaba Cloud, used by branches in China, Singapore, and Japan; AWS, used by branches in Germany and the US; and a private cloud hosted in a China IDC data center.

AT A GLANCE

Industry
Manufacturing

Challenges
- Packet loss and IPSec instability at peak times
- Limited IT resources for overseas support
- Complex hybrid multi-cloud setup
- Need flexible bandwidth and cost control

Solution
Multi-cloud Direct Connect + SD-WAN

Benefits
- Stable, low-packet-loss connectivity
- Simplified, centralized network management
- Cost-effective elastic bandwidth and local access
- Improved security with SD-WAN and SASE readiness

HOW IT WORKS?

CypressTel delivered a comprehensive solution combining dedicated cloud direct connect ports, dual local loop connections, and SD-WAN devices to unify and optimize the client's global network infrastructure.

Dual Local Loop Connections

The client's headquarters and private cloud data center in China connect to CypressTel's backbone network via dual local loops, ensuring redundancy and high availability.

Cloud Direct Connect Integration

CypressTel's direct connect channels link Alibaba Cloud and AWS environments with on-premises infrastructure for fast and secure data exchange.

Overseas Branch Connectivity

Each international branch connects to the nearest CypressTel POP via local loops, leveraging local cloud direct connect options to access Alibaba Cloud or AWS.

SD-WAN Deployment

The devices provide secure, flexible network routing and support future SASE deployment for enhanced security and performance.
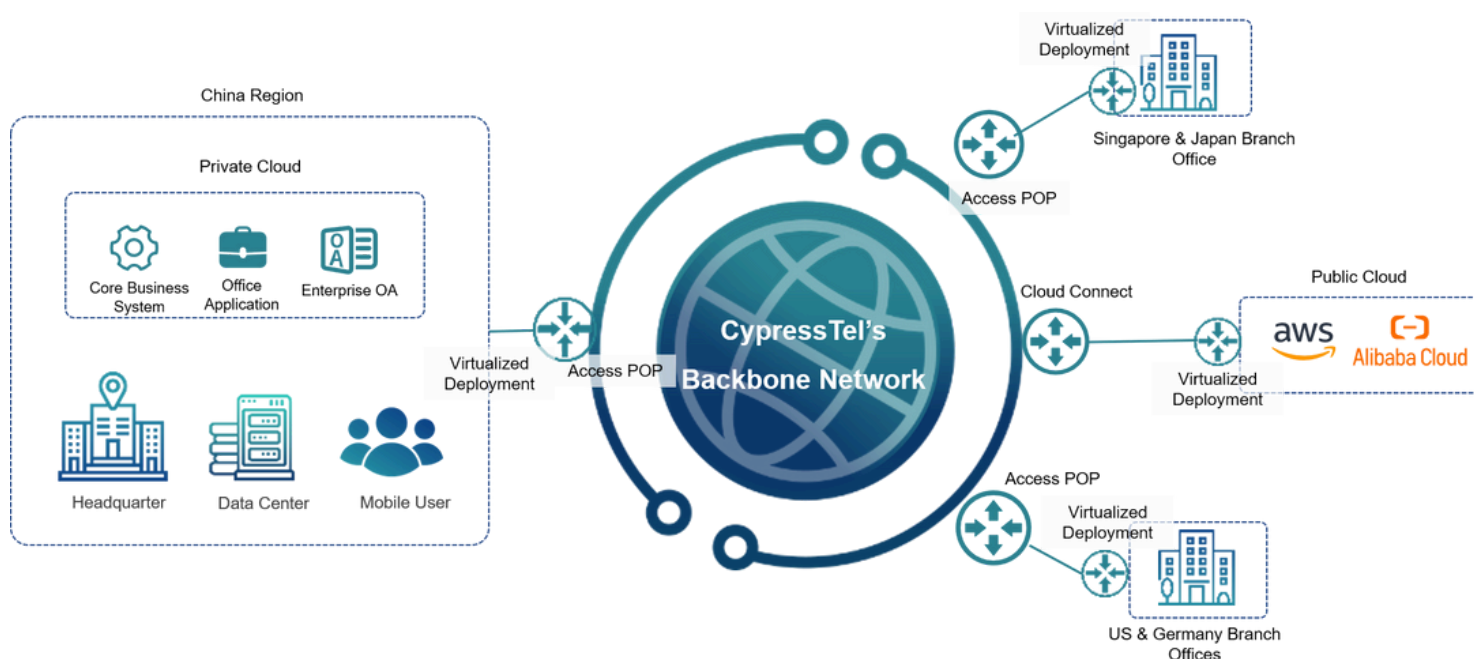
WHY CYPRESSTEL?

CypressTel is a leading global network service provider and pioneer in SD-WAN, delivering advanced and innovative ICT solutions for businesses of all sizes. With over 17 years of experience, we offer a wide range of services, including SD-WAN, SASE, Internet Access, Private Networks, Data Center Colocation, Cloud Connect, and WAN Optimization. Our extensive global presence features over 30 data centers, over 140 network PoPs, and coverage in over 300 cities, with a network capacity exceeding 10T. We are committed to continuous technological research and innovation in AI and edge computing, driving the adoption of new technologies.

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