

# E-Connect

Provide fast, flexible and cost-saving dedicated line services for enterprises



## Protocol Optimization

Private High-Speed Transmission Protocol

## Link Optimization

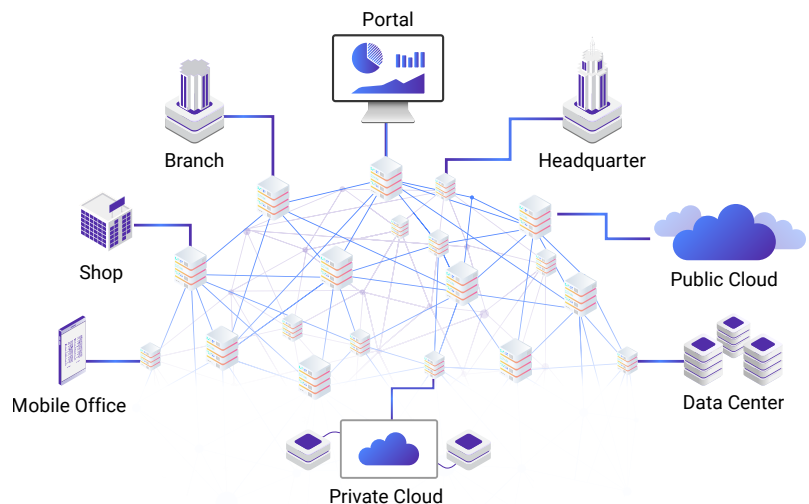
Intelligent Routing, Applicable Routing

## Link Security

Tunnel Encryption, Customer Isolation

CDNetworks E-Connect is an integrated SD-WAN solution which provides a flexible, efficient, stable and full-mesh dedicated line service to enable fast delivery in enterprise-level connections. It effectively amends route congestion, network jittering, inefficient routing scheme in point-to-point VPN, as well as high-cost and complicated network architecture in traditional MPLS solutions.

Through the deployment of CPE or the software client named Cloudlink, user traffic is redirected to the CDNetworks E-Connect platform. Along with innovative PoP technologies like business isolation, data encryption and intelligent routing, E-Connect provides its users with a safe and stable dedicated network. Centralized control management and webpage-based configuration platform enables enterprises to conveniently and flexibly customize dedicated line network services.



# Product Value

## Rich Resources, Quality Assurance

CDNetworks possess a resource network of 1500+ global PoPs. Moreover, E-Connect cooperates with multiple mainstream cloud platforms, IDC and data centers, such as AWS, Microsoft Azure, Google Cloud, Alibaba Cloud, Tencent Cloud and Wangsu Cloud, achieving a rapid dedicated line access to the above-mentioned platforms.

## Network Optimization, Ultimate Experience

CDNetworks E-Connect implements intelligent routing as well as AI algorithm to obtain the real-time network status and avoid congested routes, achieving the goal of choosing the optimal access route and increasing access speed. Meanwhile, its service availability can reach up to 99.95%. Overall, the stability of network can be improved to 400% compared with traditional VPN solutions, and the cost can be reduced by 50% compared with traditional MPLS dedicated line solutions.

## Security Protection, Business Guarantee

E-connect guarantees safety in multiple dimensions. In the process of data forwarding, three security protection technologies are adopted to secure the network, which are data encryption, transmission encryption and business isolation. At the CPE point, data is encrypted at the byte level; during data transmission (from the CPE to the PoP, between PoPs, and from the PoP to another CPE), the IPsec encryption mechanism is implemented to improve transmission privacy. E-Connect greatly improves the security level of enterprise network, and provides a stable information transmission.

## Centralized Management, Unified Delivery

E-Connect provides a visual control platform for centralized network management. Through a centralized control platform, devices and links in the network can be abstracted and virtualized to form a unified network resource pool. Enterprises can easily modify the settings of sites and links via a single click. E-Connect visual control platform increases the flexibility and mobility of network, and provides end-to-end network traffic visualization.

# Key Features

## Protocol optimization

- Private high-speed transmission protocol

## Link optimization

- Intelligent routing
- Applicable routing

## Link availability guarantee

- Routing failover
- Link load balancing
- Critical business guarantee

## Site availability guarantee

- Dual-CPE hot standby

## Link security

- Tunnel encryption
- High-standard PoP
- Customer Isolation

## Site security protection

- CPE access control
- ACL control