



Certes Networks Zero Trust WAN (ZTWAN)

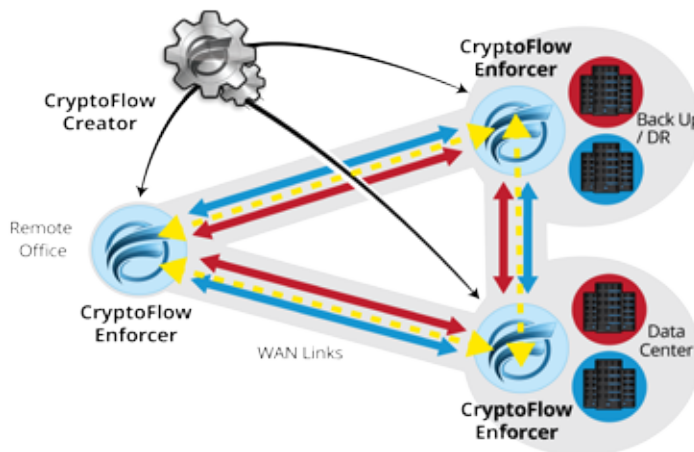
Use third-party WAN networks to cut connectivity costs while keeping security control in your hands. The Zero Trust WAN (ZTWAN) Solution delivers high-throughput protection of your sensitive enterprise data communications traffic between sites.

Certes' unique encryption key management and trust model lets you safely use networking services and third-party resources while maintaining full control over the security of your data communications traffic.

- ✓ Safeguards data communications on Private WAN, Cloud WAN, MPLS, Metro Ethernet, NFV/SDN
- ✓ Simple Layer 2, Layer 3 & patented Layer 4 Stealth Encryption
- ✓ You manage your own keys directly, not dependent on third party WAN provider
- ✓ 5 Mbps to 10 Gbps throughput
- ✓ FIPS certified options available
- ✓ Trust & security decoupled from network infrastructure: easy to install & manage

Certes' solutions make it easy to adopt "Zero Trust" security designs that do not leave you exposed to potentially compromised networks. You alone are in control of data communications security.

Ensure communications security without cutting performance for: remote offices & distributed sites; data center to data center interconnection; backup, recovery and business continuity facilities; remote kiosks & Internet of Things deployments.



The ZTWAN solution secures WAN traffic entirely independent of infrastructure or service provider. You alone control keys and policies, ensuring communications are safe. Policies are generated with point-and-click simplicity in CryptoFlow Creator and then enforced by Certes Enforcers in the network, data center and remote sites.

With thousands of deployments around the world the Zero Trust WAN solution from Certes includes:

- Line-rate protection up to 10 Gbps
- The industry's only Layer 4 stealth encryption, setting a new standard in simplicity and flexibility for any network deployment
- One point of control for simple policy definition & enforcement
- Unique Layer 2 encryption for simpler deployment of encryption
- Easy modification and addition of new sites with point-to-point, hub & spoke, full mesh and multi-cast topologies
- Fully decoupled from infrastructure for adoption of "Zero Trust" security
- Patented policy engine proven in nearly 20 years of successful IT security implementations

With the Certes ZTWAN solution, the trust model is no longer based on infrastructure or on which networks or devices you own or control. Instead, trust for WAN connectivity is based on keys and encryptors that are independent of the infrastructure.

The Certes ZTWAN solution consists of CryptoFlow Creator, a management system offering point-and-click creation of data traffic protection policies. Policies are pushed to Certes Enforcement Points (CEPs) sitting transparently in the network or data center. The CEPs inspect traffic and encrypt traffic using standard-based algorithms. The solution can be deployed with a varied set of hardware options and virtual appliances for maximum flexibility.

Now you can utilize third-party networks while remaining in direct control of security over your sensitive enterprise data traffic.

The ZTWAN solution from Certes has been deployed in nearly 100 countries around the world, protecting sensitive data communications for banks, governments, healthcare institutions, universities and many others. Contact us today to learn more.

CASE STUDIES: Uncompromising Success

A multinational Fortune 500 company needed to protect its highly sensitive intellectual property and operational data shared between its facilities in seven countries. With the power of the Certes Zero Trust WAN solution, the company secures this data at high-speed without affecting application or network performance. Mission critical information is safe from end-to-end over any network and several national borders.

The Judicial Department of a U.S. state needed to ensure the integrity of a large volume of data sent to its backup and recovery facility. The department chose the Certes Zero Trust WAN solution because it could ensure the strongest security and integrity without compromising the backup performance.

A coalition of major city governments wanted to implement public safety wireless services to share critical law enforcement data among police departments. The coalition chose the Certes Zero Trust WAN solution to protect this data because of the system's reliability, performance, flexibility and ease of use.

See more examples of the Certes ZTWAN solution in action at CertesNetworks.com

About Certes Networks

Certes Networks Zero Trust Security solutions protect data and applications in motion with a range of software defined security solutions. Our Zero Trust framework protects application traffic over any environment to any user, device or location; all this without affecting network or application performance whatsoever. Our patented and industry leading layer 4 stealth encryption solution gives you "Encryption without Compromise".

Learn more at CertesNetworks.com

Contact Certes Networks

300 Corporate Center Drive, Suite 140
Pittsburgh, PA 15108
Tel: 1 (888) 833-1142
Fax: 1 (412) 262-2574
CertesNetworks.com

North America Sales

sales@certesnetworks.com

Government Sales

sales@certesnetworks.com

Asia-Pacific Sales

apac@certesnetworks.com

Central & Latin America Sales

sales@certesnetworks.com

Europe, Middle East & Africa Sales

emea@certesnetworks.com