

HIGH ASSURANCE DATA PROTECTION FOR SD-WAN

SECURING YOUR CRITICAL DATA ACROSS ANY NETWORK

THE CHALLENGE

SDWAN is a virtual network connectivity solution designed to abstract application traffic from the underlying network infrastructure. It provides the end customer with agility in their infrastructure (because it is software based) as well as improved performance over poorly performing links such as the Public Internet.

SDWAN builds IPsec tunnels from point to point (Hub and Spoke / Full Mesh) and directs traffic according to business intent policies, centrally Orchestrated BUT it does not understand the Value of Data.

SDWAN BENEFITS:

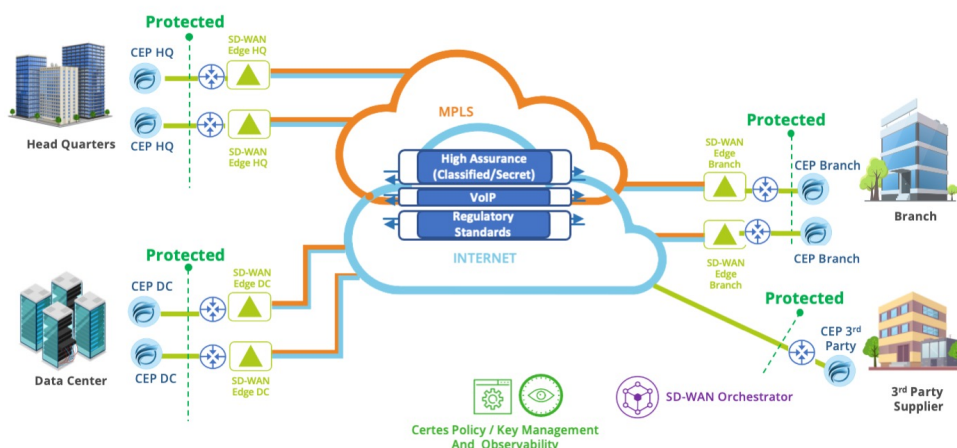
- ✓ SDWAN works over any network
- ✓ SDWAN makes the Internet "safe for Business"
- ✓ SDWAN is application focused
- ✓ SDWAN mitigates for packet loss and latency
- ✓ SDWAN is focused on Business Needs
- ✓ SDWAN reduces Network complexity
- ✓ SDWAN Increases Application availability

SDWAN CHALLENGES

- ✗ SDWAN Does not understand the Value to the Business of the Data it is transporting
- ✗ SDWAN cannot protect data if it is sent to the wrong link due to misconfiguration. Local break out to the internet of Sensitive data for example.
- ✗ SDWAN cannot protect against data loss
- ✗ SDWAN cannot protect against Ransomware attacks.
- ✗ SDWAN does not meet Compliance needs in Regulated Industries

THE SOLUTION = (SDWAN + CERTES)

- ✓ Certes is 100% focused on protecting valuable customer data
- ✓ Certes can protect data in the supply chain / 3rd party network outside of an SDWAN
- ✓ Certes can protect data in Cloud / Multi-cloud environments
- ✓ Certes placed as close to the User / Application as possible protects data no matter where it travels – including LAN side.
- ✓ Certes Overlays any SDWAN Vendor Solution
- ✓ Certes separates each valuable data flow into its own separate encrypted flow – making it useless to anyone other than the intended recipient
- ✓ Certes separates key owner from key admin for the encryption – true separation, true Zero Trust
- ✓ Certes compliments SDWAN by adding LAN side and whole journey protection for the data irrespective of where it travels.
- ✓ CERTES Assures customer regulatory compliance



SDWAN + CERTES = Agility, Performance and Data Protection for the customer

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