



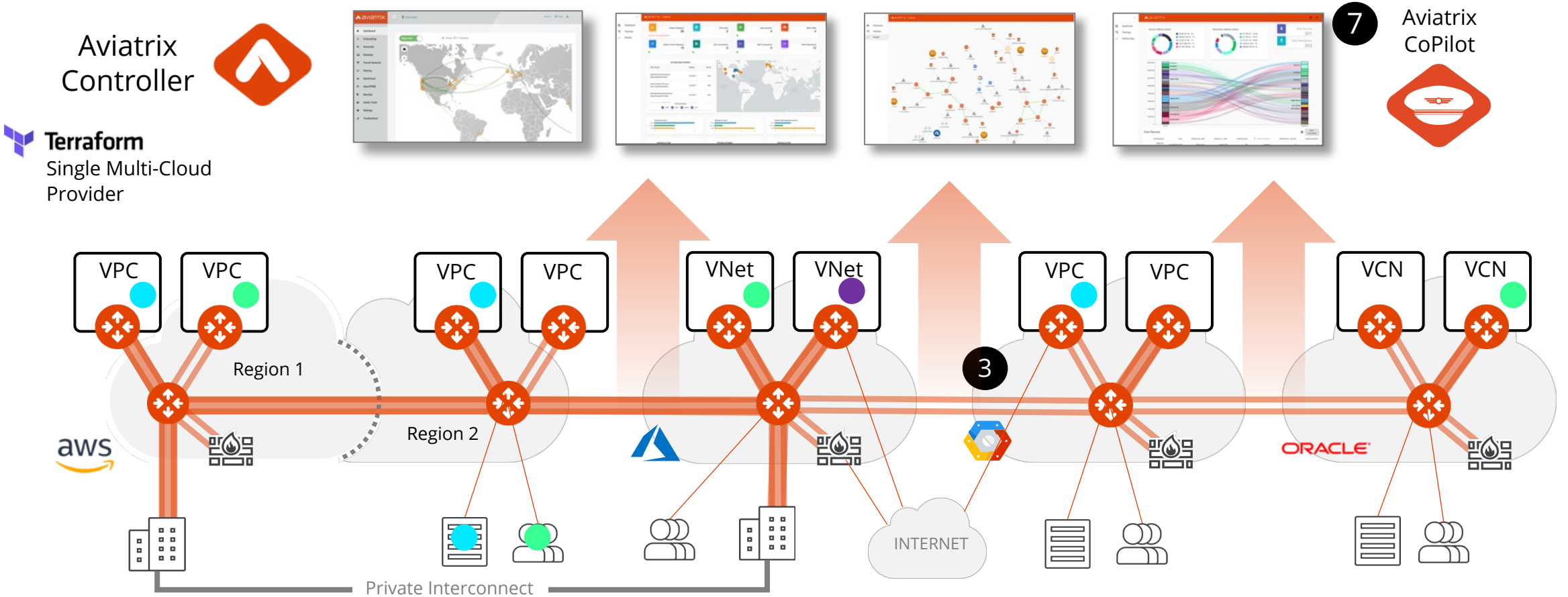
End-to-End IPSec Encryption

Aviatrix High-Performance Encryption (HPE)

Tenet from NIST Publication 800-207 - Zero Trust Architecture (ZTA)

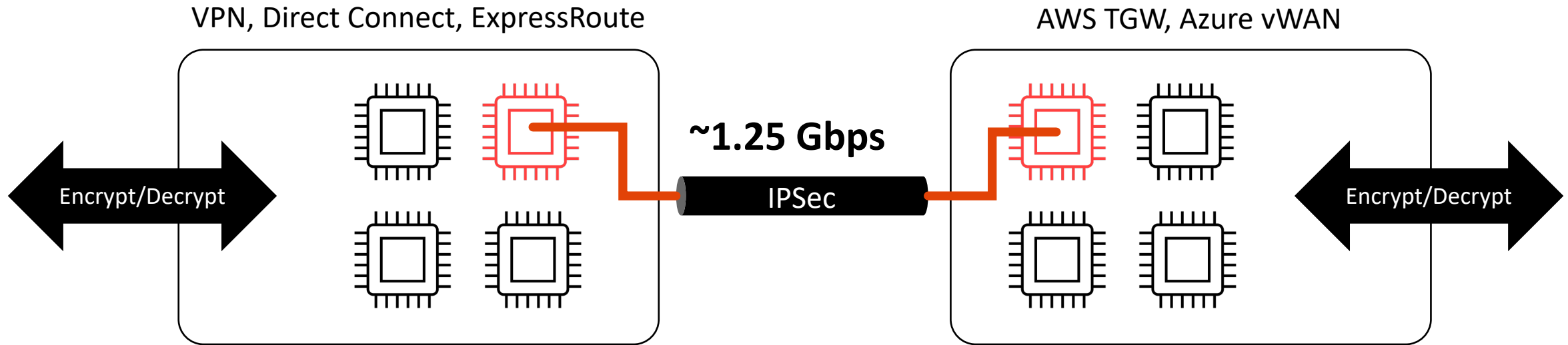
All communication is secured regardless of network location. Network location alone does not imply trust. All communication should be done in the most secure manner available.

The network built by Aviatrix is always Encrypted – No Other Option



Standard Network Encryption Throughput

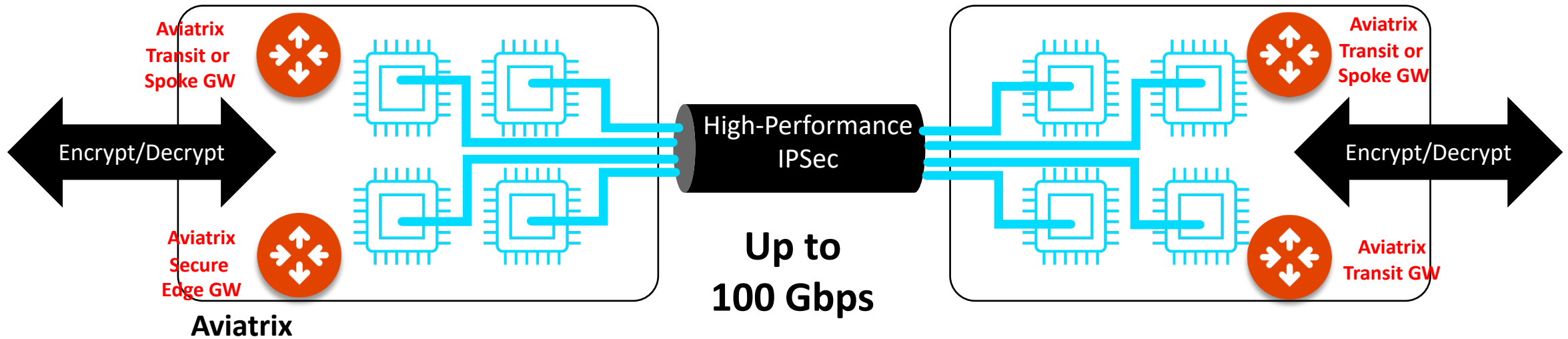
- Native Cloud IPsec VPN solutions have a maximum encryption performance of **1.25Gbps per tunnel**
- That's because virtual routers utilize a single core, and they establish only one tunnel



**Impacts Applications Performance and
Increases Business Risk**

Aviatrix Secure Cloud Networking | High-Performance IPsec Encryption

- Aviatrix Controller automatically builds multiple tunnels between Aviatrix devices
- Uses all available CPU cores
- IPsec encryption performance can be up to 90 Gbps





Aviatrix Certified Engineer (ACE)

<https://aviatrix.com/ACE>



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