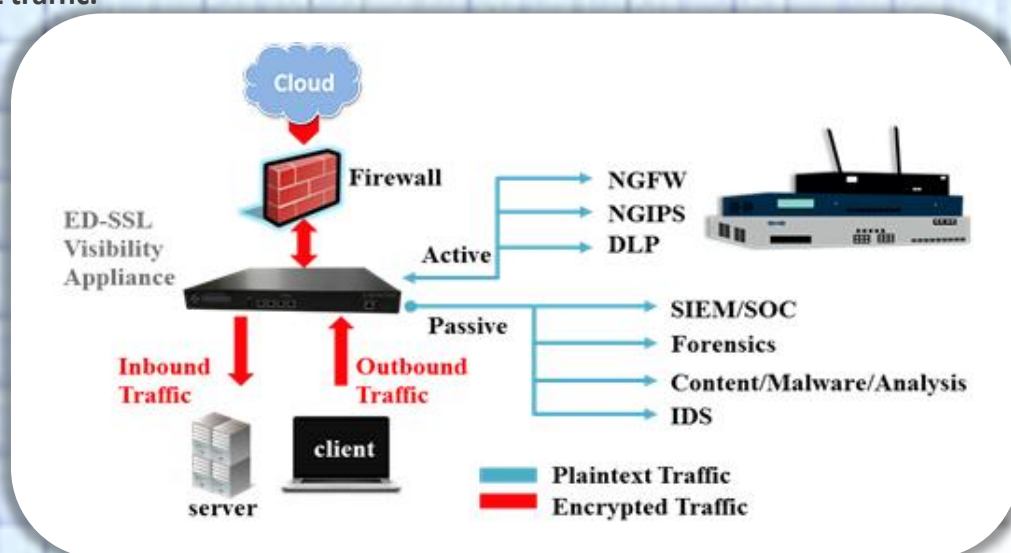# ED-SSL Visibility Appliance

The Management and Assessment Device for SSL Traffic

HTTPS network links come closer with life and work since there are versatile cyber applications within IT environment of government and enterprise. After Google provided extensive HTTPS service in 2005, the other content service providers such as Facebook, Twitter, and Yahoo Mail and so on also followed with HTTPS to protect content data.

Extensive HTTPS service also brings the favorite environment for cybercrimes to hide malice ware inside encrypted traffic in order to escape from antivirus system and intrude into enterprise networks. By the data in 2016, incidents of encrypted attack through TLS/SSL rise 60 times compared to 2014, and 29K kind of malice troy agents infect victim systems through TLS/SSL traffic.

- High TLS/SSL traffic visibility and coordinated work with backend security analysis tools
- Single unified platform for TLS/SSL traffic examination on the agile appliance hardware for potential risk mitigation
- Deployed as upstream proxy to monitor all links without any impact on the functionality and performance of the existing proxy server
- Centralized TLS/SSL handling management and bundled HTTPS visibility capability into enterprise security fundamental platform
- Dynamic linking service by secured deployment strategy in order to reduce management cost and utilize all security resources
- Affordable price with the best price/performance for enterprise and less potential TLS/SSL traffic risk

ED – SSL VISIBILITY APPLIANCE

Performance

Total Packet Processing Capability	100 MBps
SSL Inspection Throughput	70 MBps
Cut-through Latency	<40µs
Concurrent SSL Flow States	8,000
New Full Handshake SSL Sessions	1,000 per second
SSL Session Log Entries	by order
Encryption	TLS 1.0, TLS 1.1, TLS 1.2, SSL3, partial SSL2
Public Key Algorithms	RSA, DHE, ECDHE
Symmetrical Key Algorithms	AES, AES-GCM, 3DES, DES, RC4, ChaCha20-Poly1305, Camellia
Hashing Algorithms	MD5, SHA-1, SHA-2, SHA256, SHA384
RSA Keys	512 to 8192 bits
Reliability	Hardware bypass

Specifications

Configurations	Network Interfaces: Fixed 3 x 1 Gbps RJ45
Power Supplies	1 x 150W
Management Interfaces	1x RJ45
Operating Temperature	5°C to 40°C
Storage Temperature	-10°C to 60°C
Dimensions (in.) H x W x D	1.75 x 8 x 12.75