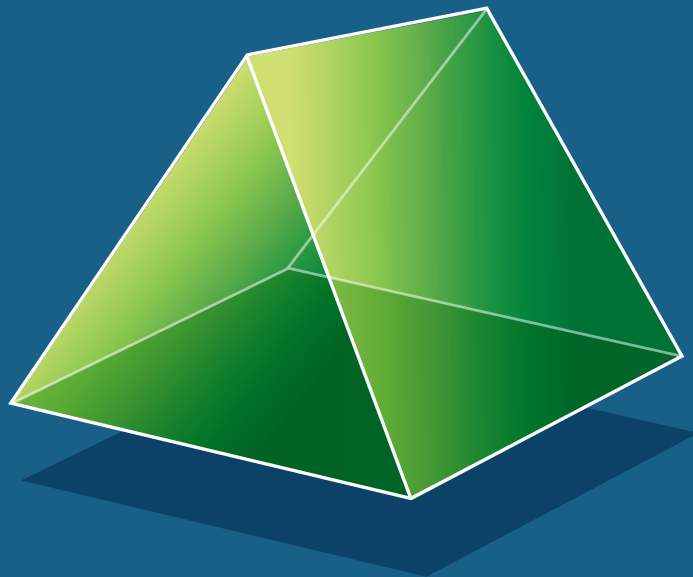


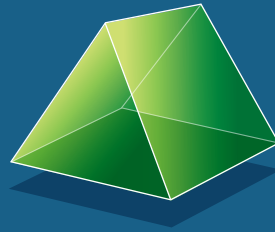


# Prism SSL<sup>VA</sup>

*From the start,  
ensure all your traffic is visible.  
Now you see into SSL.*



**SOOSAN**<sub>INT</sub>



ePrism SSL VA

## Major References

### Financial Sector



### Public/Education Sector



### Industrial Sector

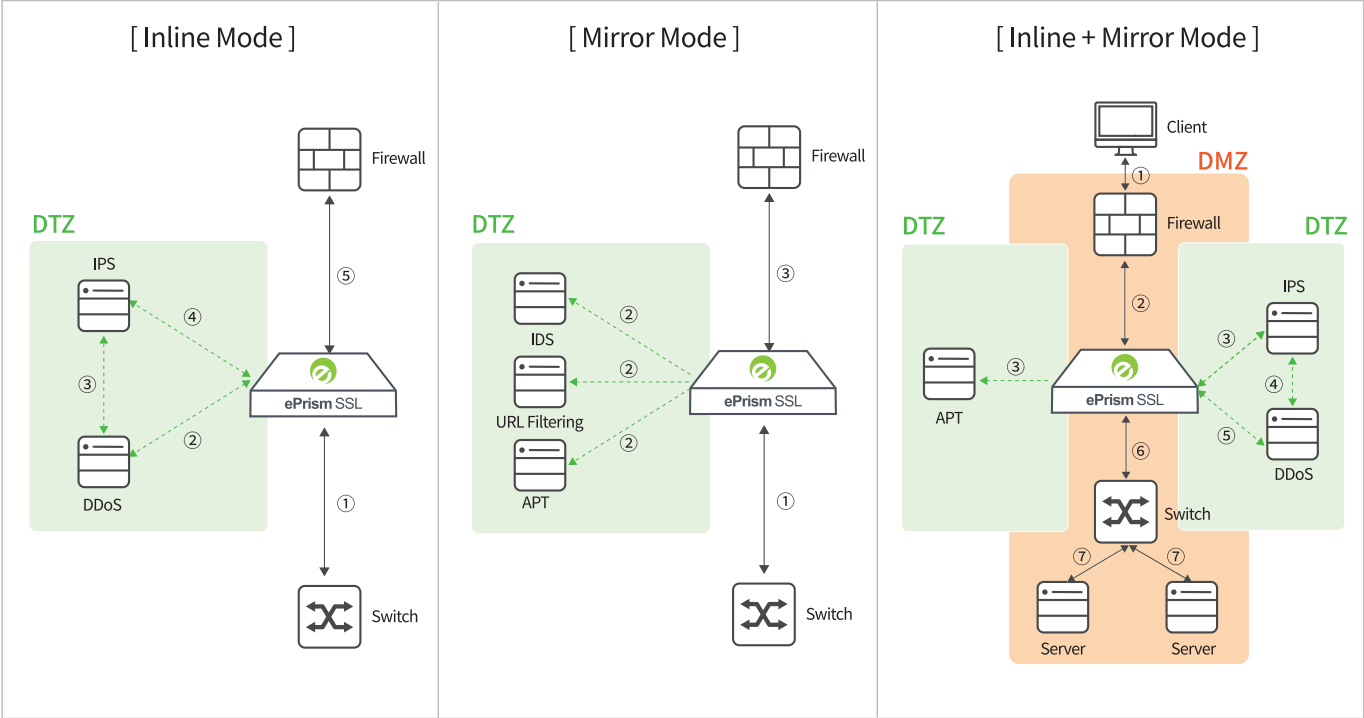


# SOOSAN<sub>INT</sub>

SOOSAN INT Co., Ltd. #3F, Suseo Hyundai Ventureville, 10, Bamgogae-ro 1-gil, Gangnam-gu, Seoul, Korea 06349  
+82 (2) 541 0073 | gb@soosan.co.kr | www.soosanint.com

Deployment Options

Decrypted Traffic   
General Traffic   
① to ⑦ indicates the traffic flow (inbound, outbound)



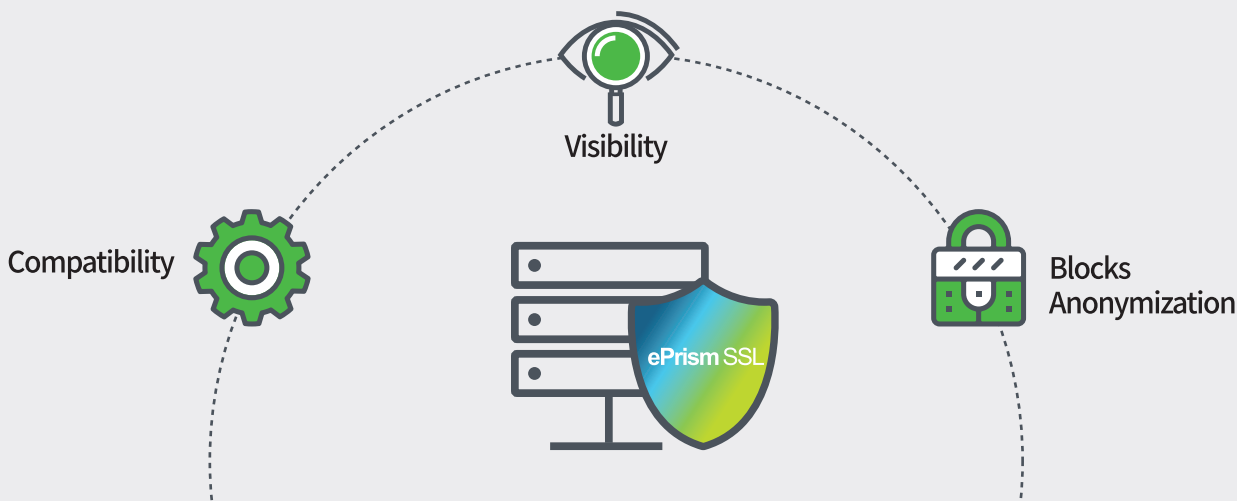
Datasheet



	SPA-1000	SPA-1100	SPA-2000	SPA-2100	SPA-3000	SPA-3100
Performance						
Total Throughput	1.2 Gbps	1.2 Gbps	10 Gbps	15 Gbps	20 Gbps	20 Gbps
SSL Throughput	300 Mbps	600 Mbps	2 Gbps	4 Gbps	6 Gbps	10 Gbps
New SSL Sessions Per Second (CPS)	1,500/sec	2,500/sec	4,500/sec	6,000/sec	8,000/sec	21,000/sec
SSL Flows (Concurrent process)	50,000	100,000	220,000	350,000	500,000	800,000
Miscellaneous						
Network Interface	Fixed 8 X 1Gbps Copper (including 2 bypass pairs)		NIC is not provided by default (configuration can be customized)			
Operation Mode	In-line mode (Hardware Bypass available)					
SSL Management Transparency	Provides TCP Transparency via Certificate Resigning (5-tuple is maintained)					
Encryption Protocol	TLS1.0, TLS 1.1, TLS 1.2, SSL v3					
Public Key Algorithm	RSA, DHE, ECDHE					
Symmetric Key Algorithm	AES, AES-GCM, 3DES, SEED, ARIA, CAMELLIA, DES, RC4					
Hash Algorithm	MD5, SHA-1, SHA-2					
RSA Key	512 to 8192 bits					

ePrism SSL VA: the optimum, highly compatible choice  
for visibility into increasing SSL encrypted attacks.

# With high-performance SSL decryption via TST!



## Product Overview

In this age of increasing SSL traffic, where standard IPS/IDSs can't cope, make encrypted traffic visible without having to change to your network.

With a variety of configurations and appliances capable of processing up to 10Gbps of encrypted traffic, ePrism can be installed with minimal effort.

ePrism has received recognition for advanced technology, high performance and stability.



DPI based-  
HTTPS Decryption



Session Transparency  
Maintenance



Highly Compatible



Supports DTZ  
Deployments



Internet Anonymization  
Blocking



Detail SSL  
Traffic Analysis  
and Reporting



Certificate Installation  
and Distribution  
Management



TST based- High  
Performance Session  
Processing



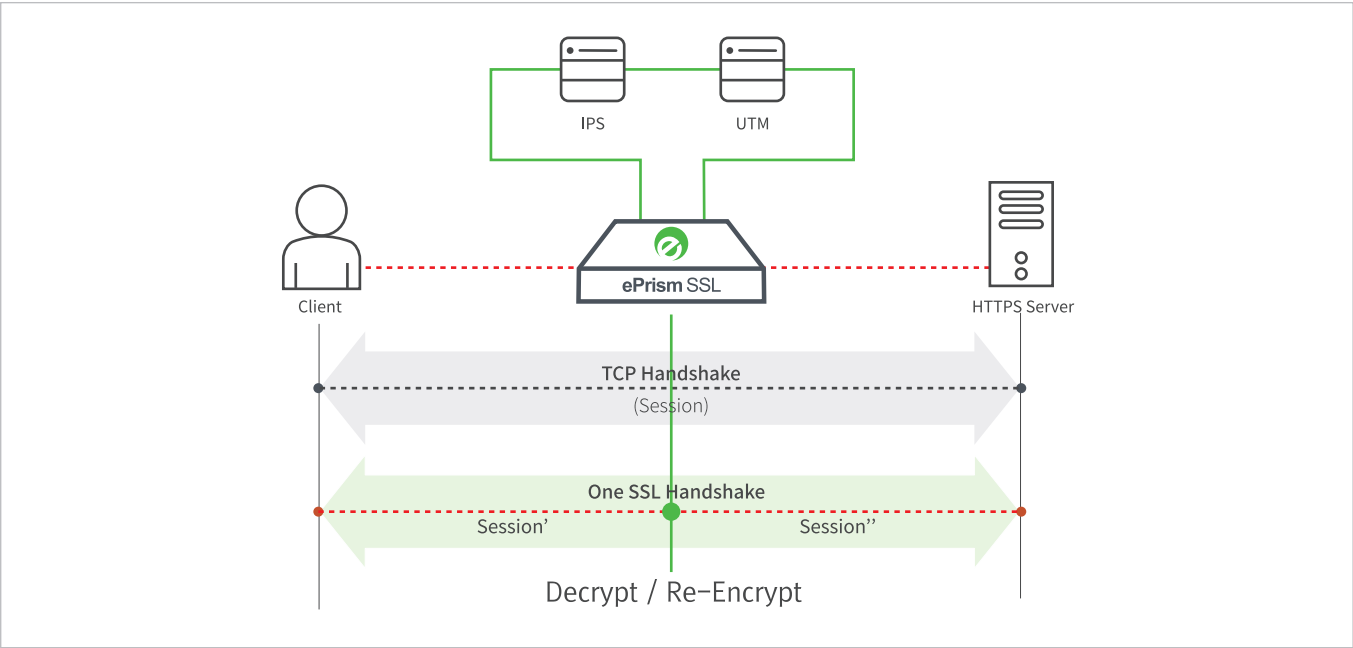
Various Installation  
Methods and Options  
for Ease of Use



# Product Features

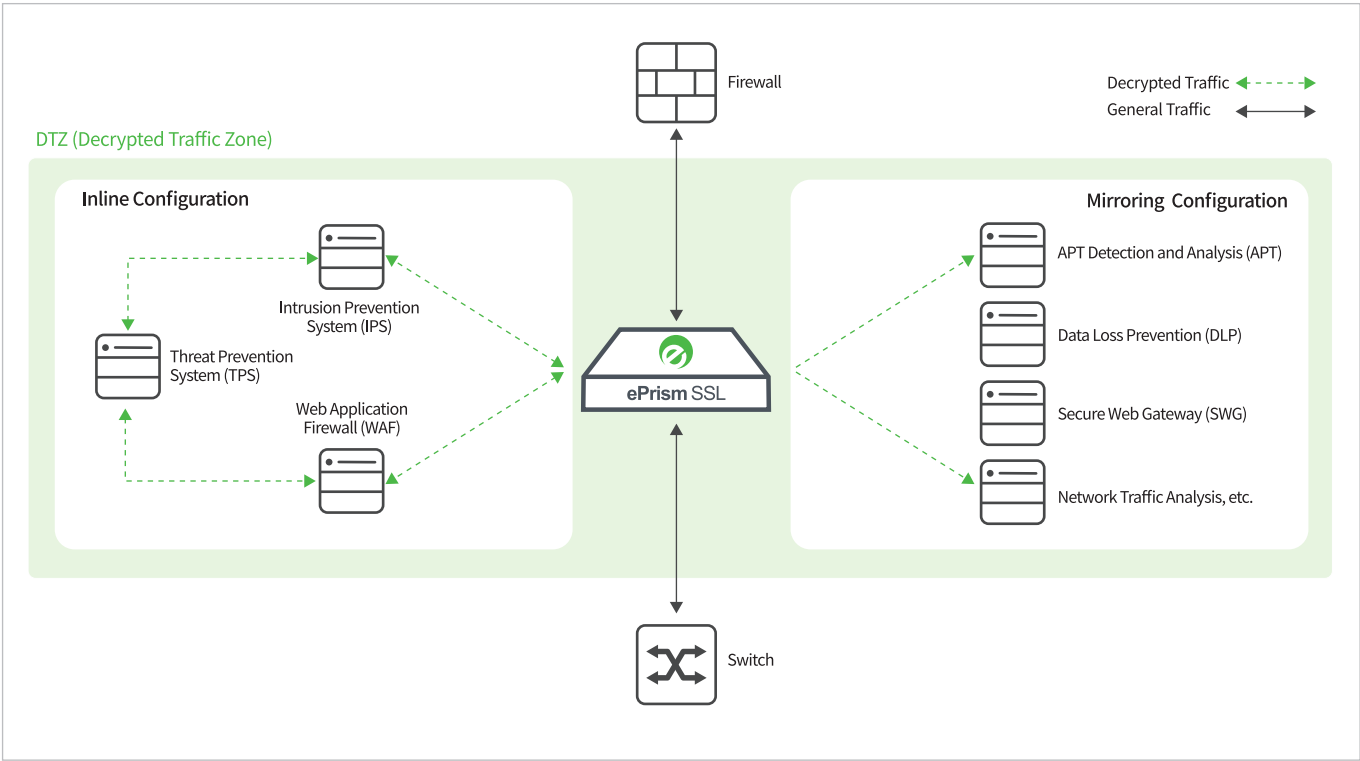
## TST (TCP Session Transparency)

- DPI (Deep Packet Inspection) based technology that separates only TLS/SSL traffic and decrypts it, after the connection between the user and server has been established
- Decrypts non-standard TLS/SSL traffic without degrading network performance.
- Maintains session transparency (5 Tuple: Source IP, Destination IP, Source Port, Destination Port, Protocol).



## DTZ

- Allows devices that can't recognize SSL traffic to analyze decrypted SSL traffic
- Inline, Mirroring, and Inline + Mirroring modes are supported
- Bidirectional analysis and blocking of ingress and egress traffic is supported



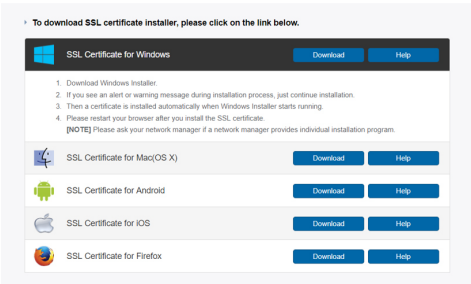
Certificate Redirection and Management

- ePrism SSL VA supports certificate download redirection and includes a status monitoring page for admins’ convenience.
- Certificate installer supports several OSs (Windows, Mac OS, iOS, Android, etc.)
- Certificate installation/distribution/status management for internal users.

Automatic Distribution

ePrism SSL VA automatically redirects users to the Certificate Download Page.

[Certificate Distribution Display]



( PC )



( Mobile )

Distribution Management

Information for the easy management of certificate installation and distribution to users can be viewed.

[Certificate Distribution Status Display]

Certificate Distribution Status Display						
Information   Analysis   User Policy   Server Policy   Decryption   Configuration						
Certificate Generation   Certificate Distribution   Private CA   Installation History						
List   Last Day   All State   All Browser   All OS   Search IP   REFRESH						
No	Client IP	Browser	OS	Installed	Registered	Modified
5	172.16.120.41	Internet Explorer	Windows 8.1	✓	2017-12-14 09:09:11	2017-12-19 16:00:22
4	172.16.201.9	Chrome	Windows 10	✗	2017-12-19 14:25:14	2017-12-19 14:25:14
3	172.16.120.170	Edge	Windows 10	✓	2017-12-19 11:29:51	2017-12-19 11:29:51
2	172.16.120.110	Edge	Windows 10	✓	2017-12-19 09:26:18	2017-12-19 09:26:18
1	172.16.120.77	Internet Explorer	Windows 7	✓	2017-12-19 09:24:14	2017-12-19 09:24:14

Anonymizer Blocking

- ePrism SSL VA blocks many different anonymizing technologies by analyzing packets through DPI.
- Through regular pattern updates, a new pattern DB is maintained

