

Stratix 5950 Security Appliance



Expanding network security protection from the enterprise to the control system

Features and Benefits

- Enhanced security capabilities like Deep Packet Inspection (DPI) technology, help to detect, prevent and/or respond to potentially malicious traffic between devices
- Cisco ASA Firewall and FirePOWER technologies provide threat detection and prevention capabilities based on configured security policies, allowing for informed decision-making on the plant floor
- Subscription license offering provides a term-based solution for threat and application control updates with TechConnectSM support for help to maximize protection against the evolving threat landscape
- Industrially-hardened, DIN-rail mountable platform to help meet the environmental demands of the plant floor

Help maintain protection against the latest threats and control your assets proactively with updates using subscription based licensing



The Allen-Bradley® Stratix® 5950 security appliance combines several enhanced security functions into a single appliance to help protect your industrial automation infrastructure.

As part of the Rockwell Automation security offering, the Stratix 5950 builds on common network security technologies from traditional firewalls to help provide enhanced access control, threat detection, and application visibility in your Industrial Control System (ICS).

The Stratix 5950 security appliance leverages Cisco ASA Firewall technology, which provides the ability to control network traffic through configured security rules. Cisco FirePOWER™ technology in the Stratix 5950 provides an Intrusion Prevention System (IPS) used to detect and control application-level network communications and potentially malicious traffic communicating through the network.

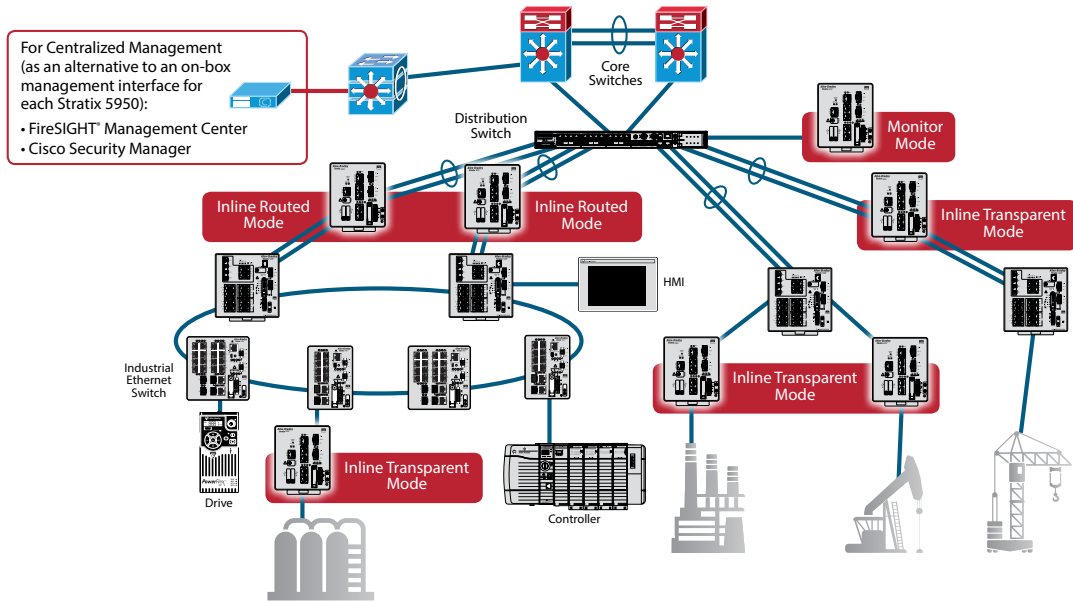
Additionally, Deep Packet Inspection (DPI) technology helps provide granular control of allowable network traffic and helps identify and protect against potential system risks. DPI Technology inspects data packets to classify and potentially block actions at the application layer, such as CIP Write or CIP Read, to help maintain the integrity of plant operations.

LISTEN.
THINK.
SOLVE.®

Stratix 5950 Security Appliance in Network Architectures

The Stratix 5950 security appliance can operate in three Industrial Firewall modes:

- Inline Transparent mode for use in deployments where the ability to actively protect the network is priority over traffic being affected by potential “false positives”
- Inline Routed mode for use in deployments where the same functionality as Transparent mode is desired and routing functionality is required
- Passive Monitor-only mode for use in deployments where uninterrupted connectivity is priority over active network protection



Stratix 5950 Security Appliance Configuration Options

Catalog Number	License Type	1 Gigabit Copper Ports	SFP Ports	ASA and FirePOWER	SSL VPN	Clientless SSL	IPsec	TA License	K9	Supports 3DES/AES
1783-SAD4T0SBK9	Base*	4	0	Yes	Limited	Limited	Limited	Yes	Yes	Yes
1783-SAD2T2SBK9	Base	2	2	Yes	Limited	Limited	Limited	Yes	Yes	Yes
1783-SAD4T0SPK9	Plus**	4	0	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1783-SAD2T2SPK9	Plus	2	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1783C-SADTA1YENT	1 Year Term Subscription License to Threat and Application Identifiers, Electronic Delivery									
1783C-SADTA1YENTA1	1 Year Term Subscription License to Threat and Application Identifiers, Electronic Delivery, with 24x7 TechConnect uplift									
1783C-SADTA1YENTM	1 Year Term Subscription License to Threat and Application Identifiers, Physical Media Delivery									
1783C-SADTA1YENTMA1	1 Year Term Subscription License to Threat and Application Identifiers, Physical Media Delivery, with 24x7 TechConnect uplift									

*Base license supports 2 peer VPNs, 5 client VPNs and 5 VLANs

**Plus license supports 4 peer VPNs, 25 client VPNs and 25 VLANs

Glossary of Terms	
SSL VPN	- allows for the creation of a secure, encrypted connection without requiring specialized software on an end user's computer
Clientless SSL	- helps enable secure access to pre-configured network resources on a corporate network remotely using an SSL-enabled web browser
IP/Sec	- IPsec is a standard set of protocols that provide data security at the IP packet level
TA License	- helps provide increased control and protection during system updates
K9 License	- a web-based filtering technology that provides automatic updates when you need a robust, real-time solution
Supports 3DES/AES	- encryption standards that offer additional layers of data security to help protect against system vulnerabilities

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