Cisco® ASA 5500 Series Adaptive Security Appliances deliver more security capabilities, higher performance, and greater expansion opportunities than Cisco PIX® 500 Series Security Appliances. Migrate customers requesting a Cisco PIX appliance to Cisco ASA 5500 appliances today to enable them to benefit from converged, multifunction security and VPN services within a single platform.

Cisco ASA 5500 Benefits over Cisco PIX 500

Delivers a Greater Functional Set Relative to Cisco PIX 500 Series
- SSL VPN services included with each Cisco ASA 5500 Series appliance
- High-availability support available on all Cisco ASA 5500 Series models
- Additional security services available, including Anti-X and IPS

Flexible Deployment Options
Customized product editions tailored to address specific needs:
- Firewall Edition
- Intrusion Prevention System (IPS) Edition
- Anti-X Edition
- SSL/IPsec VPN Edition

Better Price and Performance Compared to Similar Cisco PIX Models
- Starting from 150 Mbps firewall and 100 Mbps IPsec VPN for enterprise teleworker model
- High-performance IPS and Anti-X services
- Prices start at the same price point as Cisco PIX for similar models

Sample Firewall Performance Comparisons
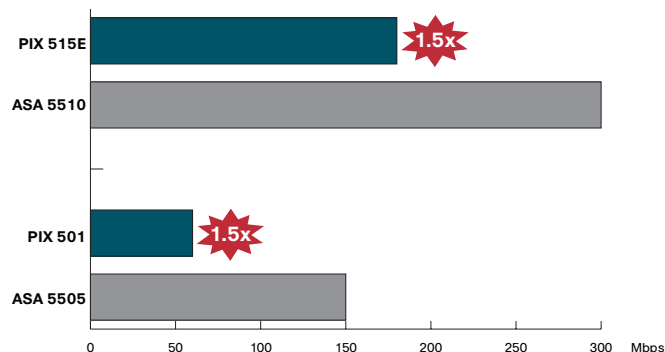
Questions to Migrate Cisco PIX Requests to Cisco ASA 5500 Sales

What security capabilities are you looking to add to your network? Cisco ASA 5500 Series can provide:
- Firewall: Provides trusted firewall built upon Cisco PIX technology.
- VPN: Provides threat-protected VPN built upon Cisco VPN 3000 technology. First solution to offer comprehensive SSL and IPsec VPN services on the same platform.
- Anti-X: Offers comprehensive antivirus, anti-spyware, file blocking, anti-spam, anti-phishing, URL blocking and filtering, and content filtering features through partnership with Trend Micro.
- IPS: Provides proactive, full-featured intrusion prevention services to stop a wide range of threats.

How do you combat worms and viruses in your network?
- The Cisco ASA 5500 Series Anti-X Edition protects users from Internet threats and connects remote sites securely with anti-X, firewall and VPN services.

How do you secure remote workers who are accessing your network?
- The Cisco ASA 5500 Series provides fully secured, highly customizable access for any user from any location on a single device and management infrastructure.

How do you plan to secure your IP communications network?
- The Cisco ASA 5500 Series offers a suite of voice features, enabling security for the voice infrastructure, call control, and endpoints for VoIP networks.

Upsell Guide—
Migrating Cisco PIX Requests to Cisco ASA 5500 Sales

Cisco PIX Upsell to Cisco ASA 5500 Series

Firewall	IPS	Anti-X	VPN

Cisco PIX Security Appliance Model	Cisco ASA 5500 Series Part Numbers	PC Connection Part Numbers	Cisco ASA 5500 Description
Cisco PIX 501 10 Users	ASA5505-K8	7220495	Cisco ASA 5505 Firewall Edition, 10-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, DES
	ASA5505-BUN-K9	7190126	Cisco ASA 5505 Firewall Edition, 10-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5505-50-BUN-K9	7190151	Cisco ASA 5505 Firewall Edition, 50-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5505-SSL10-K9	7190337	Cisco ASA 5505 SSL/IPsec VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch
Cisco PIX 501 50 Users	ASA5505-50-BUN-K9	7190151	Cisco ASA 5505 Firewall Edition, 50-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5505-UL-BUN-K9	7190214	Cisco ASA 5505 Firewall Edition, Unlimited-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5505-SSL10-K9	7190337	Cisco ASA 5505 SSL/IPsec VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch
Cisco PIX 501 Unlimited Users	ASA5505-UL-BUN-K9	7190214	Cisco ASA 5505 Firewall Edition, Unlimited-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5505-SEC-BUN-K9	7190231	Cisco ASA 5505 Firewall Edition, Unlimited-user Security Plus, 8-port Fast Ethernet switch, 25 IPsec VPN and 2 SSL VPN peers, DMZ, stateless Active/Standby high availability, 3DES/AES
	ASA5505-SSL10-K9	7190337	Cisco ASA 5505 SSL/IPsec VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch
Cisco PIX 506E	ASA5505-SEC-BUN-K9	7190231	Cisco ASA 5505 Firewall Edition, Unlimited-user Security Plus, 8-port Fast Ethernet switch, 25 IPsec VPN and 2 SSL VPN peers, DMZ, stateless Active/Standby high availability, 3DES/AES
	ASA5505-SSL25-K9	7190353	Cisco ASA 5505 SSL/IPsec VPN Edition, 25 IPsec VPN and 25 SSL VPN peers, firewall services, 8-port Fast Ethernet switch, Security Plus license
	ASA5510-K8	5942929	Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, DES
	ASA5510-BUN-K9	5822708	Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5510-AIP10-K9	5822732	Cisco ASA 5510 IPS Edition, AIP-SSM-10, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC10-K9	6519524	Cisco ASA 5510 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC20-K9	6574136	Cisco ASA 5510 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-SSL50-K9	6574101	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL100-K9	6574110	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL250-K9	6574128	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports
Cisco PIX 515E R/DMZ	ASA5510-K8	5942929	Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, DES
	ASA5510-BUN-K9	5822708	Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5510-SEC-BUN-K9	5822724	Cisco ASA 5510 Firewall Edition, Security Plus, 5 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, Active/Standby high availability, 3DES/AES
	ASA5510-AIP10-K9	5822732	Cisco ASA 5510 IPS Edition, AIP-SSM-10, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC10-K9	6519524	Cisco ASA 5510 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC20-K9	6574136	Cisco ASA 5510 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-SSL50-K9	6574101	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL100-K9	6574110	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL250-K9	6574128	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports

Cisco PIX 515E UR/FO/FO-AA	ASA5510-SEC-BUN-K9	5822724	Cisco ASA 5510 Firewall Edition, Security Plus, 5 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, Active/Standby high availability, 3DES/AES
	ASA5510-AIP10-K9	5822732	Cisco ASA 5510 IPS Edition, AIP-SSM-10, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC10-K9	6519524	Cisco ASA 5510 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-CSC20-K9	6574136	Cisco ASA 5510 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 250 IPsec VPN and 2 SSL VPN peers, 3 Fast Ethernet ports
	ASA5510-SSL50-K9	6574101	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL100-K9	6574110	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports
	ASA5510-SSL250-K9	6574128	Cisco ASA 5510 SSL/IPsec VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports
Cisco PIX 520 (End of Life as of June 2006)	ASA5520-K8	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, DES
	ASA5520-BUN-K9	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, 3DES/AES
	ASA5520-AIP10-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-10, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-AIP20-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-20, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC10-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC20-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-SSL500-K9	6621351	Cisco ASA 5520 SSL/IPsec VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
Cisco PIX 525R	ASA5520-K8	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, DES
	ASA5520-BUN-K9	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, 3DES/AES
	ASA5520-AIP10-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-10, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-AIP20-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-20, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC10-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC20-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-SSL500-K9	6621351	Cisco ASA 5520 SSL/IPsec VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
Cisco PIX 525 UR/FO/FO-AA	ASA5520-K8	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, DES
	ASA5520-BUN-K9	–	Cisco ASA 5520 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 750 IPsec VPN and 2 SSL VPN peers, Active/Active and Active/Standby high availability, 3DES/AES
	ASA5520-AIP10-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-10, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-AIP20-K9	–	Cisco ASA 5520 IPS Edition, AIP-SSM-20, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC10-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-10, 50-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5520-CSC20-K9	–	Cisco ASA 5520 Anti-X Edition, CSC-SSM-20, 500-user antivirus/anti-spyware with 1-yr subscription, firewall services, 750 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface

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	ASA5520-SSL500-K9	6621351	Cisco ASA 5520 SSL/IPsec VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5540-K8	6605511	Cisco ASA 5540 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 5000 IPsec VPN and 2 SSL VPN peers, DES
	ASA5540-BUN-K9	5822783	Cisco ASA 5540 Firewall Edition, 4 Gigabit Ethernet ports + 1 Fast Ethernet interface, 5000 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5540-AIP20-K9	5822804	Cisco ASA 5540 IPS Edition, AIP-SSM-20 module, Firewall services, 5000 IPsec VPN and 2 SSL VPN peers, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5540-SSL1000-K9	6653547	Cisco ASA 5540 SSL/IPsec VPN Edition, 5000 IPsec VPN and 1000 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5540-SSL2500-K9	6653555	Cisco ASA 5540 SSL/IPsec VPN Edition, 5000 IPsec VPN and 2500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface
Cisco PIX 535	ASA5550-K8	6772781	Cisco ASA 5550 Firewall Edition, 8 Gigabit Ethernet ports + 1 Fast Ethernet interface, 4 Gigabit SFP ports, 5000 IPsec VPN and 2 SSL VPN peers, DES
	ASA5550-BUN-K9	6772802	Cisco ASA 5550 Firewall Edition, 8 Gigabit Ethernet ports + 1 Fast Ethernet interface, 4 Gigabit SFP ports, 5000 IPsec VPN and 2 SSL VPN peers, 3DES/AES
	ASA5550-SSL2500-K9	6772811	Cisco ASA 5550 SSL/IPsec VPN Edition, 5000 IPsec VPN and 2500 SSL VPN peers, firewall services, 8 Gigabit Ethernet ports, 1 Fast Ethernet interface
	ASA5550-SSL5000-K9	6772829	Cisco ASA 5550 SSL/IPsec VPN Edition, 5000 IPsec VPN and 5000 SSL VPN peers, firewall services, 8 Gigabit Ethernet ports, 1 Fast Ethernet interface

Product Specifications

ACRONYMS
SSC: Security Services Card, **SSM:** Security Services Module, **AIP-SSM:** Advanced Inspection and Prevention Security Services Module, **CSC-SSM:** Content Security and Control Security Services Module, **4GE-SSM:** 4 Gigabit Ethernet Security Services Module

	Cisco ASA 5505	Cisco ASA 5510	Cisco ASA 5520	Cisco ASA 5540	Cisco ASA 5550
Users and nodes	10, 50, or unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Firewall throughput	Up to 150 Mbps	Up to 300 Mbps	Up to 450 Mbps	Up to 650 Mbps	Up to 1.2 Gbps
Concurrent threat mitigation throughput (firewall + IPS services)	Not available	Up to 150 Mbps with Cisco ASA 5500 Series Advanced Inspection and Prevention Security Services Module (AIP SSM) 10 (part number AIP-SSM-10); Up to 300 Mbps with Cisco ASA 5500 Series AIP SSM 20 (part number AIP-SSM-20)	Up to 225 Mbps with AIP-SSM-10; Up to 375 Mbps with AIP-SSM-20	Up to 450 Mbps with AIP-SSM-20	Not available
3DES/AES VPN throughput	Up to 100 Mbps	Up to 170 Mbps	Up to 225 Mbps	Up to 325 Mbps	Up to 360 Mbps
IPsec VPN peers	10; 25*	250	750	5000	5000
SSL VPN peers* (included/maximum)	2/25	2/250	2/750	2/2500	2/5000
Concurrent sessions	10,000; 25,000*	50,000; 130,000*	280,000	400,000	650,000
New sessions per second	3,000	6,000	9,000	20,000	28,000
Integrated network ports	8-port Fast Ethernet switch (including 2 PoE ports)	5 Fast Ethernet ports	4 Gigabit Ethernet ports plus 1 Fast Ethernet port	4 Gigabit Ethernet ports plus 1 Fast Ethernet port	8 Gigabit Ethernet ports, SFP fiber, and 1 Fast Ethernet port
Virtual interfaces (VLANs)	3 (trunking disabled) / 20* (trunking enabled)	50/100 *	150	200	250
Security contexts (included/maximum)	0/0	0/0 (Base); 2/5 (Security Plus)	2/20	2/50	2/50
High availability	Not supported; stateless Active/Standby*	Not supported; Active/Active and Active/Standby*	Active/Active and Active/Standby	Active/Active and Active/Standby	Active/Active and Active/Standby
Expansion slot	1, SSC	1, SSM	1, SSM	1, SSM	0

*Available through an upgrade license