



The Cisco® ASA 5500 Series Adaptive Security Appliances deliver a powerful combination of multiple market-proven technologies in a single platform, making it operationally and economically feasible for organizations to deploy comprehensive security services to more locations. Migrate your Cisco PIX® Security Appliance to the Cisco ASA 5500 Series today for converged, multifunction security and VPN services within a single platform.

## Primary Business Factors

### Flexible Deployment Options

Customized product editions tailored to address specific enterprise needs

- Firewall Edition
- Intrusion Prevention System (IPS) Edition
- Content Security Edition
- SSL/IPSec VPN Edition

### Lower Total Operating Expenditures (OpEx)

Unified device management and monitoring results in lower overall installation and servicing costs. A single platform decreases complexity and simplifies deployments and ongoing support.

### Lower Capital Expenditures (CapEx)

Convergence and enhanced Technology Migration Plan (TMP) credits reduce the total cost of migration today.

### The Leasing Advantage

Take advantage of leasing promotions to further reduce costs and deliver new solutions now.

## Primary Technology Factors

### Trusted Firewall and Threat-Protected VPN Technology

Built upon trusted Cisco PIX Security Appliance and Cisco VPN 3000 Series Concentrator technology, the Cisco ASA 5500 Series is the first solution to offer Secure Sockets Layer (SSL) and IP Security (IPsec) VPN services protected by market-leading firewall technology.

### Advanced Intrusion Prevention Service

Proactive, full-featured intrusion prevention services stop a wide range of threats, including worms, application layer attacks, operating-system-level attacks, rootkits, spyware, and more.

### Industry-Leading Content Security Services

The Cisco ASA 5500 Series offers comprehensive antivirus, antispyware, file blocking, antispam, antiphishing, URL blocking and filtering, and content filtering services, providing industry-leading Content Security services with Trend Micro's expertise in threats and a proven Cisco Systems® solution.

### Consistent User Experience

The Cisco ASA 5500 Series takes advantage of customers' existing knowledge of Cisco PIX Security Appliances for easy migration to Cisco ASA 5500 solutions.



# Migration Guide from Cisco PIX 500 to Cisco ASA 5500 Series

## Migration Paths

|          |     |                  |     |
|----------|-----|------------------|-----|
| Firewall | IPS | Content Security | VPN |
|----------|-----|------------------|-----|

| Cisco PIX Security Appliance Model       | Cisco ASA 5500 Series Part Numbers  | Cisco ASA 5500 Description   |
|--|---|--|
| <b>Cisco PIX 501<br/>10 Users</b>        | ASA5505-K8  | Cisco ASA 5505 Firewall Edition 10-user, 8-port Fast Ethernet switch, 10 IPsec VPN and 2 SSL VPN peers, DES  |
|  | ASA5505-BUN-K9  | 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   | 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  | Cisco ASA 5505 VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch  |
| <b>Cisco PIX 501<br/>50 Users</b>        | ASA5505-50-BUN-K9   | 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   | 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  | Cisco ASA 5505 VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch  |
| <b>Cisco PIX 501<br/>Unlimited Users</b> | ASA5505-UL-BUN-K9   | 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  | 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  | Cisco ASA 5505 VPN Edition, 10 IPsec VPN and 10 SSL VPN peers, firewall services, 8-port Fast Ethernet switch  |
| <b>Cisco PIX 506E</b>                    | ASA5505-SEC-BUN-K9  | 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  | Cisco ASA 5505 VPN Edition, 25 IPsec VPN and 25 SSL VPN peers, firewall services, 8-port Fast Ethernet switch, Security Plus license   |
|  | ASA5510-K8  | Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, DES   |
|  | ASA5510-BUN-K9  | Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, 3DES/AES  |
|  | ASA5510-AIP10-K9  | 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  | Cisco ASA 5510 Content Security 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  | Cisco ASA 5510 Content Security 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  | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports   |
|  | ASA5510-SSL100-K9   | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports  |
|  | ASA5510-SSL250-K9   | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports  |
| <b>Cisco PIX 515E<br/>R/DMZ</b>          | ASA5510-K8  | Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, DES   |
|  | ASA5510-BUN-K9  | Cisco ASA 5510 Firewall Edition, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, 3DES/AES  |
|  | ASA5510-SEC-BUN-K9  | Cisco ASA 5510 Firewall Edition Security Plus, 2 Gigabit Ethernet ports, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, Active/Standby high availability, 3DES/AES            |
|  | ASA5510-AIP10-K9  | 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  | Cisco ASA 5510 Content Security 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  | Cisco ASA 5510 Content Security 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  | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports   |
|  | ASA5510-SSL100-K9   | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports  |
| ASA5510-SSL250-K9                        | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports |  |



# Migration Guide from Cisco PIX 500 to Cisco ASA 5500 Series

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| <b>Cisco PIX 515E<br/>UR/FO/FO-AA</b>                      | ASA5510-SEC-BUN-K9 | Cisco ASA 5510 Firewall Edition Security Plus, 2 Gigabit Ethernet ports, 3 Fast Ethernet ports, 250 IPsec VPN and 2 SSL VPN peers, Active/Standby high availability, 3DES/AES  |
|  | 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                                 |
|  | ASA5510-AIP10-K9   | 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   | Cisco ASA 5510 Content Security 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   | Cisco ASA 5510 Content Security 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   | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 50 SSL VPN peers, firewall services, 3 Fast Ethernet ports   |
|  | ASA5510-SSL100-K9  | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 100 SSL VPN peers, firewall services, 3 Fast Ethernet ports  |
|  | ASA5510-SSL250-K9  | Cisco ASA 5510 VPN Edition, 250 IPsec VPN and 250 SSL VPN peers, firewall services, 3 Fast Ethernet ports  |
| <b>Cisco PIX 520<br/>(End of Life as of<br/>June 2006)</b> | 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 Content Security 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 Content Security 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  | Cisco ASA 5520 VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
| <b>Cisco PIX 525R</b>                                      | 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 Content Security 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 Content Security 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  | Cisco ASA 5520 VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface  |



# Migration Guide from Cisco PIX 500 to Cisco ASA 5500 Series

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| <b>Cisco PIX 525<br/>UR/FO/FO-AA</b> | 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 Content Security 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 Content Security 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 |
| <b>Cisco PIX 525<br/>UR/FO/FO-AA</b> | ASA5520-SSL500-K9  | Cisco ASA 5520 VPN Edition, 750 IPsec VPN and 500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
|                                      | ASA5540-K8         | 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     | 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   | 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 | Cisco ASA 5540 VPN Edition, 5000 IPsec VPN and 1000 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
|                                      | ASA5540-SSL2500-K9 | Cisco ASA 5540 VPN Edition, 5000 IPsec VPN and 2500 SSL VPN peers, firewall services, 4 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
| <b>Cisco PIX 535</b>                 | ASA5550-K8         | 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     | 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 | Cisco ASA 5550 VPN Edition, 5000 IPsec VPN and 2500 SSL VPN peers, firewall services, 8 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
|                                      | ASA5550-SSL5000-K9 | Cisco ASA 5550 VPN Edition, 5000 IPsec VPN and 5000 SSL VPN peers, firewall services, 8 Gigabit Ethernet ports, 1 Fast Ethernet interface  |
|                                      | ASA5580-20-BUN-K8  | ASA 5580-20 Appliance with SW, HA, 2GE TX, DES   |
|                                      | ASA5580-20-BUN-K9  | ASA 5580-20 Appliance with SW, HA, 2GE TX, 3DES/AES  |
|                                      | ASA5580-40-BUN-K8  | ASA 5580-40 Appliance with SW, HA, 2GE TX, DES   |
|                                      | ASA5580-40-BUN-K9  | ASA 5580-40 Appliance with SW, HA, 2GE TX, 3DES/AES  |
|                                      | ASA5580-20-4GE-K9  | ASA 5580-20 Appliance with SW, HA, 4 + 2GE TX, 3DES/AES  |
|                                      | ASA5580-40-8GE-K9  | ASA 5580-40 Appliance with SW, HA, 8 + 2GE TX, 3DES/AES  |
|                                      | ASA5580-40-10GE-K9 | ASA 5580-40 Appliance with SW, HA, 4x10GE + 2GE TX, 3DES/AES   |
|                                      | ASA5580-20-5K-K9   | ASA 5580-20 VPN Edition with 5000 SSL Users, 4 + 2GE TX, 3DES/AES  |
|                                      | ASA5580-20-10K-K9  | ASA 5580-20 VPN Edition with 10K SSL Users, 4 + 2GE TX, 3DES/AES   |