

# MAINDEC AND CISCO

## Security Solutions

### Solutions Overview

The time when security was seen as a nice to have, has long since passed, security is a business enabler. Without a secure network it is difficult to protect vital assets and guarantee that information and data is not compromised. With a protected network you can trade and pass data freely without the fear of an unseen attack.

Maindec and Cisco offers the widest range of security devices and solutions to help defend against an ever-growing unseen threat. From the entry level PIX 501 firewall to the new Integrated Security Routers, all offer in-depth security and services scalable for all sizes of business.

#### What are the benefits of a Security solution?

- **Security** – peace of mind knowing your network and data is safe and secure
- **Scalability** – a Security solution that can be grown as business needs to grow
- **Performance** – all the benefits of a secure network without loss of service or degradation in network availability
- **Reliability** – Cisco’s legendary reliability backed up with SMARTnet maintenance packages
- **Integration** – the devices and software will integrate seamlessly with any Cisco and most other vendor solutions
- **Mobility** – with secure access, know that your mobile and remote users are who you think they are

#### 5 Things to Know

- 1 A comprehensive range of Cisco Security Management tools are available to help with configuration, testing and monitoring of security devices
- 2 With Cisco Network Access Control you can maximise the control of all access to your network resources
- 3 Networks must be tested regularly for vulnerabilities
- 4 Cisco Security Solutions scale from a single user to the largest enterprise network
- 5 The Integrated Services Routers offer a one box secure business gateway solution

### Product Range

Firewall	CVPN Concentrator	CSA Security Agent	IOS Security	Intrusion Detection/Prevention System	VPN/Security Management Solution
PIX 501 PIX 506E PIX 515E PIX 525 PIX 535	CVPN 3005 CVPN 3015 CVPN 3020 CVPN 3030 CVPN 3060	CSA Starter-K9 CSA Server CSA Desktop	Cisco 1800 Series Cisco 2800 Series Cisco 3800 Series	IDS 42125 IPS 4240 IPS 4255	CWVMS
Entry to enterprise level dedicated firewall appliance	Entry to enterprise level VPN concentrator supporting remote workers through VPN	Desktop and server threat protection agent that is centrally managed	Integrated Services Router with SEC and HSEC bundles providing firewall, IDS/IPS and VPN services	IDS/IPS appliance suitable for monitoring data traffic from 80 mbps over multiple subnets	Management tool for firewalls, IDS/IPS, VPN and Cisco Security Agent

### Complementary Products

- Aladdin eToken:- USB device for secure PKI logon and disk encryption key
- Webscreen:- Distributed Denial of Service mitigation engine
- SafeWord for Cisco:- two factor secure logon



## Overview of Cisco Firewall

As a gateway, firewalls will protect against unauthorised access to the network; internally they protect a service or a device.

Cisco has three offerings in the firewalling suite:

- The Private Internet Exchange (PIX)
- The router based IOS firewall feature set
- The Catalyst 6500 PIX based Service Module

The Cisco PIX Security Appliance plays a vital role in the Cisco strategy of using integrated security to build a self-defending network.

PIX Firewall Model	Session Limit	Failover support	Max # Interfaces	Max VPN Peers (IKE Peers)	HW VPN Enc'n	Throughput (with 6.3 SW)		
			Physical/VLAN		(VAC/ (VAC+) Support)	Clear Text	3DES	3DES AES256 w/VAC+
PIX 501 Number of users 10/50/Unlimited	7,500	No	1 + 4 port switch	10	No	60 Mbps	3 Mbps	NA
PIX 506E	25,000	No	2PHY (>2 VLAN)	25	No	100 Mbps	16 Mbps	NA
PIX 515E-R upgradeable to UR	130,000	No UR Only	3PHY >3VLAN 5 TOTAL	2000	1	190 Mbps	NA	130 Mbps
PIX 515E-UR-BUN PIX 515E-FO-BUN	130,000	Yes	6PHY >6VLAN 10 TOTAL	2000	VC <6.31 VAC+ <6.31	190 Mbps	NA	130 Mbps
PIX 525-R upgradeable to UR	280,000	No UR Only	6PHY >6VLAN 8 TOTAL	2000	1	330 Mbps	NA	135 Mbps
PIX 525R-UR-BUN PIX 525R-FO-BUN	280,000	Yes	8PHY >8VLAN 10 TOTAL	2000	VAC <6.31 VAC+ >6.31	330 Mbps	NA	135 Mbps
PIX 535-R upgradeable to UR	500,000	No UR Only	8PHY >8VLAN 10 TOTAL	2000	1	1.7 Gbps	NA	425 Mbps
PIX 535R-UR-BUN PIX 535R-FO-BUN	500,000	Yes	10PHY >22VLAN 24 TOTAL	2000	VAC <6.31 VAC+ >6.31	1.7 Gbps	NA	425 Mbp

## Useful Links

### PIX

<http://www.cisco.com/en/US/products/hw/vpndevc/ps2030/index.html>

### CVPN

<http://www.cisco.com/en/US/products/hw/vpndevc/ps2284/index.html>

### IDS

<http://www.cisco.com/en/US/products/hw/vpndevc/ps4077/index.html>

### CSA

<http://www.cisco.com/en/US/products/hw/vpndevc/ps5057/index.html>

### Integrated Services Routers

[http://www.cisco.com/en/US/products/hw/routers/products\\_promotion0900aecd8017150a.html](http://www.cisco.com/en/US/products/hw/routers/products_promotion0900aecd8017150a.html)

