

CROSSBEAM XOS V9.0 DATA SHEET

BENEFITS:

- Lower operations costs with enhanced management for installing, upgrading & monitoring
- Maintain pace with more subscribers/users with an 60% performance improvement
- Get ready for the transition to IPv6 with extensive IPv6 routing and tunnelling protocols

XOS V9.0 is a major upgrade to the X-Series Open Secure Operating System. Over 200 enhancements have been introduced with major focus on improving management, network processing performance and IPv6 routing and tunnelling functionality.

IPV6:

XOS 9.0 adds support for Internet Protocol version 6 (IPv6). IPv6 is the next-generation Internet Protocol version designated as the successor to IPv4. With XOS V9.0, the platform is able to support IPv6 addresses in both an IPv6/IPv4 dual-stack, and a pure IPv6 environment. The new OS also supports the tunneling of IPv6 traffic through an IPv4 network.

GREENLIGHT ELEMENT MANAGER

Greenlight Element Manager is a new Web based Element Management System with an intuitive Graphical User Interface for monitoring the X-Series Platform. It provides a comprehensive view into the components and health of the X-Series Platform.

AUTOMATED WORKFLOW SYSTEM

Automated Workflow System is a menu driven, command line interface tool, designed to simplify the process of performing specific configuration or upgrade operations.

CHASSIS RESOURCE PROTECTION

This new functionality is aimed at preventing malicious traffic from consuming critical chassis and more importantly, NPM resources.

INCREASED PLATFORM PERFORMANCE

XOS V9.0 offers a dramatic increase in Connection Setup Rate. The total chassis rate is increased by almost 60% to 320,000 Connections-Per-Second (CPS).

ADVANCED ROUTING MODULE

A new Advanced Routing Module is introduced at the same time as XOS V9.0. RSW 8.0 (SKU: XOS-ARM-800CD) enables support for IPv6 dynamic routing protocols and IPv6 to IPv4 tunneling. Previous versions of RSW are not compatible with this XOS V9.0.

USB INSTALLER

The USB Installer is a USB drive based installation system and a simpler alternative to the Install Server. It allows users to perform fresh installs of XOS from the USB drive straight onto the CPM. CPM 8600 modules will ship with the USB Installer and existing customers can buy the product using the SKU: USB-X-Installer-Spare.

XOS V9.0 SUPPORTED APPLICATIONS

New Applications available on XOS V9.0:

- Check Point Security Gateway R71
- Check Point VPN-1 VSX NGX R67
- Check Point VPN-1 R65 IPv6pack
- Sourcefire 3D Sensor 4.9.1 (including IPv6 support)

Other applications available on XOS V9.0:

- Check Point Security Gateway R70 (including IPv6 support)
- Check Point VPN-1 NGX R65 (including applicable IPv6 support)
- Check Point VPN-1 VSX NGX R65
- Check Point Firewall-1 GX 4.0
- Sourcefire 3D Sensor 4.9.1
- Imperva SS 7.0
- IBM Proventia N-IPS 2.0 (including IPv6 support)
- Websense WSS 6.3.2
- Trend Micro IMSS 7.0
- Trend Micro IWSS 3.1

XOS V9.0 Module Support

Module Type	Family	XOS V8.1.0.0	XOS V8.5.0.0	XOS V9.0.0.0
NPM	8200	Supported	Not supported	Not supported
	8600	Supported	Supported	Supported
	8620/8650	Not supported	Supported	Supported
APM	8400	Supported	Not supported	Not supported
	8600	Supported	Supported	Supported
	8650	Not supported	Supported	Supported
CPM	8400	Supported	Not supported	Not supported
	8600	Supported	Supported	Supported*

***To support XOS 9.0, existing customers will need to upgrade their CPM 8600 memory using the upgrade kit: CPM86-UPG-DRAM-4G. All CPM 8600 shipping after April 1 2010 will automatically come with additional memory. If your module is not supported, please contact your Authorized Crossbeam Partner for attractive module trade-up offers.**

XOS V9.0 Chassis Support

NOTE: An X40 chassis can be upgraded to an X80. Contact your Crossbeam support representative for more information.

Chassis type	XOS V8.1.0.0	XOS V8.5.0.0	XOS V9.0.0.0
X45 AC/AC-2	Supported	Not supported	Not supported
X45 AC-3	Supported	Supported	Supported
X80 - all AC versions	Supported	Supported	Supported
X80 DC	Supported	Supported	Not supported
X80 DC-2/-3	Supported	Supported	Supported
X40 all versions	Supported	Not supported	Not supported

ABOUT CROSSBEAM

We improve the sophisticated networks of enterprises, government agencies, and service providers by architecting platforms that are more adaptable, high-performing, reliable, and secure.