Mako
6500-E
Secure Internet Access, Control and Reporting

An award winning network appliance.

Certified by ICSA Labs for SMB firewall security, the Mako 6500 appliance is designed for small sites and businesses. Featuring a failover option, so that in the event of a fixed line network outage the appliance will automatically switch over to a wireless 3G connection. When the primary connection becomes available again, the Mako 6500 will fall back to its original connection method. Since the Mako specialises in connecting and securing payment networks, continuous connectiviely is critical for its customers. It has unique technologies designed to help protect businesses that process, store or transmit credit card data.

The Mako System

The Mako System consists of two main components:

1. Mako appliances (like the 6500-E) deployed to customer locations to provide services including Internet connections, network protection, access control and reporting, and

2. A Central Management System (CMS), accessed via the cloud, used to manage and configure the Mako appliances.

This way, Mako appliances can be accessed and administered from anywhere in the world through a web browser. Authenticated users can access many Mako appliances or just one, making remote access and control of entire networks or groups of customers easy.

Complete Security

Mako 6500 appliances employ a host of industry-leading security technologies, such as a stateful inspection firewall, port scanning protection, worm detection, AES 128-bit encryption for Virtual Private Networks (VPNs), and support for Point-to-Point Tunneling Protocol (PPTP) remote network access.

PCI DSS Certification

Any business that processes, stores or transmits credit card data must meet security requirements set up by the credit card companies to help reduce fraud, known as the Payment Card Industry Data Security Standards (PCI DSS).

The Mako 6500-E is specially built with the PCI DSS in mind, allowing businesses to quickly and easily lock down computer and payment networks.

Mako Networks is the only company in the world to hold a Level 1 PCI DSS certification for network management, the highest level of certification available.

Easy to Deploy

Like all Mako appliances, the 6500-E automatically receives configuration information from the Mako CMS via the cloud, so there's little to set up besides plugging in power and network cables.

Integrated Router

The Mako 6500-E incorporates a fully featured TCP/IP router to provide access to the Internet, connecting via Ethernet at speeds up to 100 Mb per second.

Easily Set Up Virtual Private Networks

External networks connected by Mako appliances can be linked to the Mako 6500-E in seconds by three easy mouse clicks via the CMS, without requiring static IP addresses. Each 6500-E can simultaneously link up to 20 external VPNs. The Mako 6500-E can also connect to third-party equipment and firewalls.

Centralized Logging/Reporting

Mako 6500-E appliances securely send traffic information back to the CMS every few minutes. This data is used to generate easy-to-understand graphical reports about network usage, including data use by site, user and timeframe, real-time reporting of intrusion attempts, and records of Internet traffic. Based on this information, the CMS can also send proactive alerts regarding data usage, device temperature, worm detection, and more.

Simple Troubleshooting

A color-coded LED panel on the Mako 6500 provides Internet and network connection information at a glance. For non-technical users, this makes it easy to quickly diagnose network issues. When technical support is needed, helpdesk technicians use the CMS to view and control the appliances' status, connections and configuration, making it easy to troubleshoot and resolve issues without the need for site visits.

Hardware Specifications

LAN Interface	2 x Ethernet RJ45 10/100Mbps ports. Auto crossover.
WAN Interface	1 x Ethernet RJ45 10/100Mbps ports. Auto crossover.
Power Supply	External 100 or 240VAC Input (50 or 60Hz). 12VDC output.
USB Port	For support functions (i.e. manual configuration).
Chassis Dimension	Length: 8.58" (218mmn) Width: 8.58" (218mm) Height: 1.57" (40mm)
Operating Temperature	41° F to 104° F | 5° C to 40° C
Humidity	10% to 90% relative, non-condensing
Hardware VPN Encryption	Supported
Power Consumption	10W - Typical

Features and Benefits

- Centrally managed, automated software updates, 24x7 monitoring, remote office access, advanced diagnostics and syslogs

- Detailed reporting inluding Mako usage, PC usage, remote VPN, current status and, if enabled, Mako Guardian

- Control over Internet access, traffic threshold management, high usage notifications and worm alerts

- A simple, uncluttered interface with enhanced ease of use and navigation

- Dual LAN with DHCP

- Dynamic DNS support

- VPN - 20 concurrent IPSec, 10 concurrent PPTP

- ICSA certified firewall

- Optional PCI DSS compliance and Guardian content filtering

Compliance Specifications

Network Protocols	PPP over Ethernet (RFC 2516 PPPoE)
Electromagnetic Compliance	EN55022 - CSPIR 22 Class B (EMC) EN55024 - CSPIR 24 (Immunity) FCC Part 15 Class B
Safety Standards	CB, IEC 60950, EN 60950 & AS/NZS 60950
U.S.A.	FCC part 68 - pending
Environmental	Lead-free and RoHS compliant
Firewall	ICSA Certified, Stateful Packet Inspection

Note: *Mako 6500-E must have a public IP address on its WAN interface and not be behind a firewall.*

Certifications and Awards

PCi DSS Certified

CE FC

Bronze.

Best Design Awards Winner 2011

ICSAlabs CERTIFIED FIREWALL - SMB