



ADSL - ETHERNET - 3G MAKO 6086 SERIES





Cost-Effective, Secure Internet Access Control and Reporting.

Mako Networks Central Management System enables automated configuration, protection and administration of your Broadband Internet connection with VPNs and comprehensive traffic reporting.

- **Total security** – Enterprise-level security that is affordable for the SME. A system of physically secure end-points that use SSL encrypted communication to ensure data integrity.
- **Central management system** – All administration and configuration takes place remotely on the Mako Networks Central Management Servers.
- **Easy to install** – Mako end-points can be delivered to the end user without opening the carton. Once the device is plugged-in, the predefined configuration from the Mako Networks Central Management Servers is automatically downloaded.
- **Administration flexibility** – Because all configuration and administration takes place on the Mako Networks Central Management Servers, Mako end-points can be controlled by System Administrators 24x7 from anywhere with Internet access.
- **Automatic software updates** – Mako end-points have their software proactively patched and updated immediately upon availability for unparalleled reliability and security.
- **24x7 monitoring** – Network security is monitored and dealt with automatically twenty four hours a day, seven days a week.
- **Detailed online traffic reporting** – View online reports of all traffic entering and leaving your network at any time. Comprehensive reporting allows you to better control your Internet usage.
- **Productivity control** – Comprehensive outline of individual PC Internet usage gives you the ability to assess appropriate Internet access from within your network.
- **VPNs made easy** – Create inter-office VPNs in three mouse clicks without the need for static IP addresses.
- **Remote office access** – Allow external access to the office network securely from anywhere in the world with Internet access.*
- **Control Internet access** – Online inbound and outbound security controls let you choose what traffic enters and leaves your network. Create pinholes to computers on your network or block access to undesirable services.
- **Advanced Features** – Makos incorporate many advanced features not found on comparable products; Quality of Service, Spam protection, Content Filtering, Dynamic DNS, Worm detection, Intrusion detection, advanced diagnostics etc.**

* Third party software may be required.

** Some Advanced Features not available on all models. Some features carry an additional cost.





Mako 6086 Series Network management solution

The Mako 6086 Series is a range of solid-state modem/routers with a stateful inspection firewall, dual network ports and VPN functionality. Designed to work in conjunction with the Mako Networks Central Management System, it provides you with enterprise level control over your connection to the Internet.

Complete Security

Your Mako 6086 is managed by the Mako Networks Central Management System giving you complete peace of mind that your networks are always fully protected. All software is updated and patched for you and intrusion attempts are dealt with automatically. Your Mako 6086 incorporates a stateful inspection firewall. This means that all traffic entering and leaving your networks is analysed comprehensively to ensure network integrity.

Tailored to Your Requirements

Mako 6086 is available in three different connection types: 6086-A: ADSL, 6086-E: Ethernet, 6086-P: 3G

Each of these three variants are also available in a Lite version which have their second LAN port disabled and can support less users and VPNs. 6086 Lite Makos can be upgraded at a later date by purchasing a software licence.

Firewall

Paramount to the security of your networks is the type of firewall you use. The Mako 6086 utilises a stateful inspection firewall which does not just examine packets of information, but makes decisions based upon information derived from all communication layers and other applications. Your Mako 6086 provides true enterprise level protection. Combined with the Mako Networks Central Management System, you have full control over all traffic entering and leaving your networks.

Modem/Router

Mako 6086 connects your networks to the Internet at the highest possible speed and incorporates a fully featured TCP/IP router, acting as the gateway to the Internet for all computers on your networks.

VPN

Virtual Private Networks allow you to create secure remote access to your networks over the Internet. Mako protected offices can be linked together using the Mako Networks Central Management System in seconds with just three mouse-clicks! Static IP addresses are not required. This can be extended to specific users to allow them remote access to your Mako protected networks with the Remote VPN feature. This is very useful for accessing the network from home or while travelling.*

Logging/Reporting

Whilst all traffic from your Mako 6086 goes directly out onto the Internet, your Mako sends Internet traffic information securely to the Mako Networks Central Management System. This information is then interpreted by the Servers and gives you the ability to monitor and control your Internet usage from anywhere in the world with Internet access. Simply log onto the Mako Networks website to view your usage, see how much free traffic your plan has left, monitor where PCs on your networks have been going and much more.

24 Hour Remote Control

Because your Mako utilises the Mako Networks Central Management System, you or your designated IT Professional have 24 hour secure remote control over your connection to the Internet. Via the Mako Networks website, you can modify firewall rules, create and disable VPNs, check usage patterns and even change your networks IP addressing.

* Third party software may be required.





Specification Sheet

6086 Series Security Appliance

Technical Specifications*

Hardware Specifications

- Processor – 1GHz
- System Memory – 128MB
- Storage – 32MB DOC
- LAN Interface – 2x10/100Mbps port
- WAN Interface 6086-A – RJ11 ADSL Port
- WAN Interface 6086-E – RJ45 Ethernet Port
- WAN Interface 6086-P – PC Card Slot
- LED Indicators – Power, Line, Disk (disabled)
- External Cable – Power, Cat-5 Ethernet

Feature Specifications

- Reporting – Usage, PC, Type, Remote VPN, SharkNet Intrusion Detection
- Internet – Traffic Threshold Management, Extraordinary Usage Notification, Worm Alerts
- LAN – 6086 Lite: 25 Users, Single LAN, DHCP, Static Routes
- LAN – 6086: 100 Users, Dual LAN, DHCP, Static Routes
- Firewall – Inbound, Outbound, Intranet, VPN
- VPN – 6086 Lite: 10 Concurrent IPsec, 20 Concurrent PPTP.
- VPN – 6086: 20 Concurrent IPsec, 40 Concurrent PPTP.
- Services – Outbound Quality of Service, Dynamic DNS Support
- Optional Services – Mako Guardian Content Filtering
- For IT Providers – Advanced Diagnostics, Syslogs

Physical and Environmental

- Chassis Dimension – 336.40 mm x 250 mm x 58.20 mm (L x W x H)
- Power Supply – 65W open frame, 100–240V
- Operating Temperature – +5 C to +30 C
- Humidity – 10% – 90% relative, non-condensing



6086-A Lite/6086-A Modem Specifications

- ADSL Compliance
 - Compliant with ADSL standards
 - Full-rate ANSI T1.413 Issue 2 and ITU G.dmt (G.992.1)
 - Splitterless ITU G.lite (G.992.2)
 - DMT modulation and demodulation
 - Rate adaptive
- Max downstream 8 Mbps
- Max upstream 1 Mbps
- Supports splitterless full rate operation
- Interoperable with all major DSLAMs
- ATM Protocols
 - WAN mode support: PPPoA, PPPoE, Ethernet over ATM
 - LAN mode support: RFC1577

6086-P Lite/6086-P Supported 3G Cards

- GSM/GPRS/UMTS/HSDPA
 - Option Globetrotter HSDPA
 - Novatel Merlin U740 HSDPA
- 1xEV-DO
- Sierra Wireless Aircard 580

6086-E Lite/6086-E Ethernet WAN

- Supported Protocols
 - IP
 - DHCP client with MAC Address spoofing
 - PPP over Ethernet
- Mako 6086-E must have a public IP Address on its WAN interface and not be behind a firewall



* Subject to change without notice.