# Lockdown-SME

## Security / QOS Network Appliance

The Lockdown-SME provides total control of your networks security needs, while ensuring maximum availability of network resources through bandwidth allocation policies. It is a full featured security appliance, QOS bandwidth Manager and Policy server.

The Lockdown-SME is designed to easily allow an organisation to configure a secure network environment, provide bandwidth allocation, block peer to peer applications, instant messaging applications and avoid network attacks from bringing down your company servers.
An easy to use web based interface provides all the tools needed to maximise the network availability and security.

### Internet Acceptable Use policies and User Authentication:
Effectively communicating company internet and email policies to ensure they are known and understood by all staff is a "fundamental consideration for employers". The Lockdown-SME ensures that users are aware of company policies by providing an administrator customisable page that is presented to Internet users before access is provided.

### Compact but powerful hardware solution
The Lockdown-SME is a fast, 400Mhz based desktop hardware system that provides up to 30Mbps throughput.

### Multiple Operating Modes (NAT, Transparent and Routed)
NAT routing Mode for use with PPPoE broadband services like ADSL.
Transparent Mode to support existing Internet routers, or as a departmental appliance.
Routed Mode for use with Routed Internet Connections or in LAN to LAN routing Applications.

### Content Filtering to block non productive applications like IM, P2P etc..
Easy to configure Internet messaging and P2P application blocking such as "Bit Torrent and MSN messenger". Other Blocks include downloading of certain file extensions (ie *.exe, *.SCR etc..), URL blocking, Active X, Cookie, Java, Popup blocking.

### Bandwidth Allocation
Layered Policy Management within the Lockdown-SME enables network managers to strategically allocate bandwidth.

### Report, Graph, Analyse critical information from the web interface
Advanced statistical reports based on Java pie and bar usage graphs, alert logs, connection logs, and counters for dozens of variables. External Syslog reporting.

### DOS and Hacker Alerting and Prevention
Detect and block ICMP and UDP Floods, SYN Attacks, Port Scans, Ping of Death, Blaster types, IP spoofing and many more…

### Full featured Rules based Policy Server and Firewall.
Administrators can define LAN to WAN policies based on UDP/TCP/ICMP ports, IP addresses and the Time of day.

## KEY FEATURES

- ✓ QoS (Quality of Service)
- ✓ NAT, Transparent and Routed Operating Modes.
- ✓ Incoming & Outgoing bandwidth control & asymmetrical management policies
- ✓ Radius Server User Authentication
- ✓ Professional Network Logging and Accounting Report
- ✓ Policy Management by User/Group/Server/Port
- ✓ Time-Schedule Management
- ✓ Supports Content Filters (Internet messaging, P2P blocking, etc...)

- ✓ Supports Virtual Server and IP mapping.
- ✓ Firmware upgradeable
- ✓ Web based user interface
- ✓ Remote management
- ✓ DNS Proxy
- ✓ Dynamic DNS
- ✓ DHCP server
- ✓ NTP ( Network Time Protocol)

**On-line brochures available for related products**: *http://www.alloy.com.au/Resource.asp*
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