

# ION™ SA5600 Secure Appliance

In-band and Out-of-band Remote Administration with Superior Security and Auditing



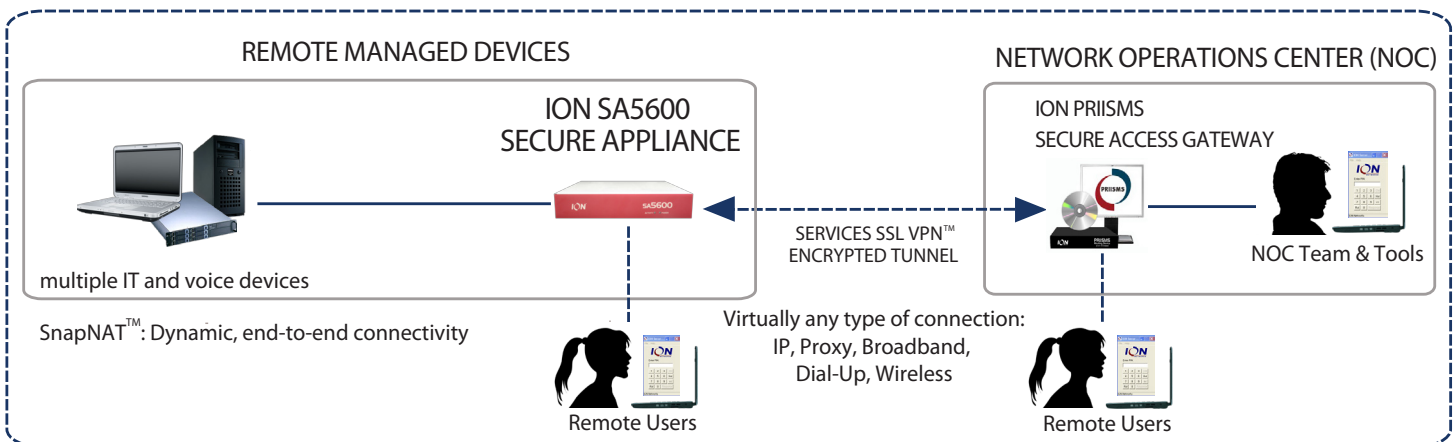
- **Easy, remote administrative access to manual devices**
- **Control and monitor access with built-in AES encryption, two-factor authentication, user and application-based permissions, and full session logs**
- **Detailed audit trail of all access and activities**
- **Real-time alarm delivery from remotely managed devices to NOC tools**
- **Plug-and-Play design; no need to reconfigure firewalls or install agents**

## For Service Providers: Hassle-free remote management

The appliance is easily deployable and delivers next generation remote services, such as: patch management, proactive device monitoring, and VoIP Quality of Service (QoS) monitoring, while meeting enterprise customers' diverse security, compliance, and connectivity requirements.

## For the Enterprise: Mitigate the "insider threat"

The ION SA5600 easily extends secure remote access to trusted vendors and IT staff without losing control or visibility. Its built-in audit trails, AES encryption, two-factor authentication, and individual user profiles/permissions help meet or exceed compliance requirements for most enterprise and government security standards.



SA5600 Features	
Secure Remote Management	SA5600
SnapNAT™: Snap-in installation & seamless integration with provider's NOC tools; easily navigates complex enterprise IP addressing schemes	✓
Services SSL VPN™: Dynamic, bi-directional connectivity for alarm delivery and maintenance-	✓
Alarm Management Engine™ (AME): Built-in intelligence for local alarm processing, delivery, and filtering	✓
Email and alarm notification	✓
Clientless access	✓
Open architecture for easy integration	✓
Connectivity	SA5600
IP: SSL (with PRIISMS) IPSec, SSH, PPTP access	✓
Proxies: RDP, VNC, SSH, Console	✓
Broadband/Wireless: EVDO	ISDN-BRI/Analog Modem
Dial-up: ISDN-BRI, ASCII, Telnet, rLogin, PPP	ISDN-BRI/Analog Modem
Security & Audit	SA5600
Vendor Access Control (VAC)	✓
Multi-factor authentication	✓
Session auditing	✓
Access & activities log	✓
Keystroke log	✓
Granular permission setting	✓
Command filtering	✓
End-to-end AES encryption	✓
Embedded firewall	✓
Unauthorized login detection	✓
Secure, remote power reboot	Optional
Water monitoring	Select models
Temperature monitoring	Select models
Interfaces	SA5600
Ethernet ports	2
Serial (physical) ports	2, 4, 8*
IP (logical) ports	64
Local terminal console	1
Shelf, wall or rack mount	Optional

## Technical Specifications

### Dial-up Connectivity

- Internal modem(s) v.90/56Kflex, RJ11 or ISDN-BRI

### Isolated Management LAN

- 100BaseT Ethernet (RJ45)

### Administration/Management

- Local: Aux port (300bps-115.2Kbps)
- Remote: PRIISMS compliant
- Storage Capacity: 128 Mb
- Diagnostic LEDs: Power, Activity

### Physical Description & Operating Environment

- 12in W x 1.75in H x 11in D; 6 lbs.
- Power: 100-240VAC 50/60 Hz
- Operating Temperature: 32° to 113°F (0° to 45°C)
- Storage Temperature: -4° to 140°F (-20° to 60°C)
- Humidity: 10% to 90% noncondensing

### Approvals & Certifications

- FCC Part 15, Class A; EN55022, Class A; EN50024
- UL E232655, ITE 55DB, CE
- RoHS/WEEE (SA5610, SA5620, SA5630 models)

### Chassis

- Shelf, Wall, Rack Mount (Optional)

### Options

- 48 Volt power supply
- Rack mount kit
- Serial cables