

ION SA5600 Secure Appliance

Many voice and information technology (IT) systems are managed by remote administrators, including: managed service providers, equipment vendors, telecommuters, and consultants. However, few of today's solutions for secure administrative access and device monitoring meet the unique needs of both service providers and enterprise companies. ION accomplishes this through its cost-effective, remote access, monitoring, and management solution, featuring the SA5600 series of secure appliances.

ION's SA5600 is an intelligent appliance that provides easy, scalable in-band and out-of-band remote administrative access along with superior security and audit capabilities.

ION SA5600 Secure Appliance Highlights

Better Than Traditional VPN: Purpose-Built for Vendor Access

Simplify deployment and improve service delivery while meeting strict enterprise, government, and industry security policies.

Plug-and-Play Design

Designed to snap into an existing architecture. No need to reconfigure firewalls or install agents.

Audit & Reporting

Detailed audit trail of all access and activities.

Monitoring & Management

Real-time alarm delivery from remotely managed devices to NOC tools.

Open Architecture

Future-proof design easily adapts to virtually any application.

Secure Out-of-the-Box

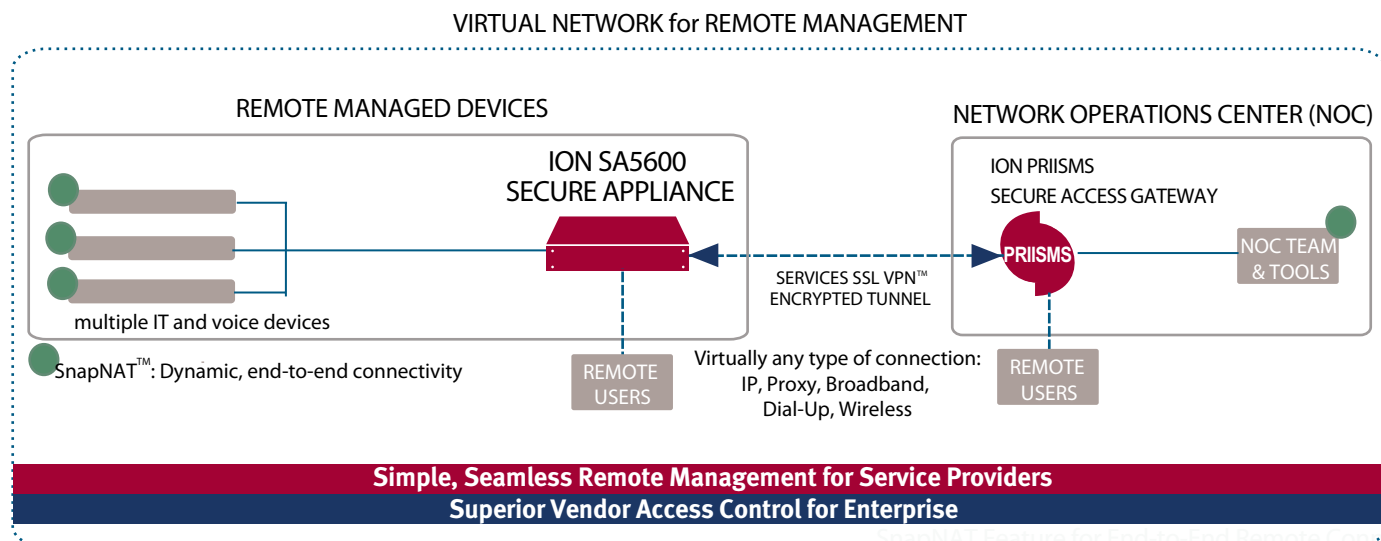
Control and monitor access with built-in AES encryption, two-factor authentication, user and application-based permissions, and full session logs.

For Service Providers: Hassle-free remote management

Easily deploy and deliver 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"

Easily extend secure remote access to trusted vendors and IT staff without losing control or visibility. 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.



New to the SA5600 Version 1.2

SnapNAT™

Connect NOC tools to Managed Devices in Minutes

ION's newest feature, SnapNAT™, dynamically connects remotely managed devices to NOC tools, vastly speeding the deployment and integration process. For service providers in particular, SnapNAT represents a significant improvement in the way remote systems are deployed and managed. Now, customer premise-located equipment seamlessly integrates with NOC tools, allowing service providers to reduce costs through automation, offer next generation managed services, and better deliver on existing SLAs.

New Out-of-Band Options

Wireless Broadband and ISDN-BRI

When IP access is unavailable or undesirable, broadband access is an ideal solution, as it offers fast, high-bandwidth connectivity to a variety of voice and IT resources. ION has now expanded its out-of-band options to include EVDO (wireless broadband) and ISDN-BRI (dial up).

SA5600 Specifications

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

Secure Endpoint Connectivity
Serial (physical): 2, 4, 8
IP (logical) ports: 64

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% non-condensing

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
Water and temperature sensors
48 Volt power supply
Rack mount kit
Serial cables



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SA5600 1.2 Features	
Secure Remote Management	SA5600 1.2
NEW SnapNAT™: Snap-in installation and seamless integration with service 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 1.2
IP: SSL (with PRIISMS) IPSec, SSH, PPTP access	✓
Proxies: RDP, VNC, SSH, Console	✓
NEW Broadband/Wireless: EVDO	ISDN-BRI or Analog Modem
NEW Dial-up: ISDN-BRI, ASCII, Telnet, rLogin, PPP	ISDN-BRI or Analog Modem
Security & Audit	SA5600 1.2
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 1.2
Ethernet ports	2
Serial ports	2, 4, 8, 16* 24*
Local terminal console	1
Shelf, wall or rack mount	Optional

* With Expansion Kit

ION Networks, now part of Cryptek, Inc., is the most trusted name in remote management and secure access technology. With over 60,000 devices deployed worldwide, ION's products are currently in use in over 35 countries. For more information, call +1 908.546.3900 or visit www.ion-networks.com.