

Feature Update

SA5600 1.2 and PRIISMS 2.6



SnapNAT™

Connect NOC tools to managed devices in minutes & deliver a wider range of services

Overview & Benefits: 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
- Better deliver on existing SLAs
- Deliver next generation managed services, including (but not limited to): patch management, voice Quality of Service (QoS) monitoring, proactive device monitoring, fault management, backup/restore services, and disaster recovery services
- Vastly simplify enterprise customer IP address management.

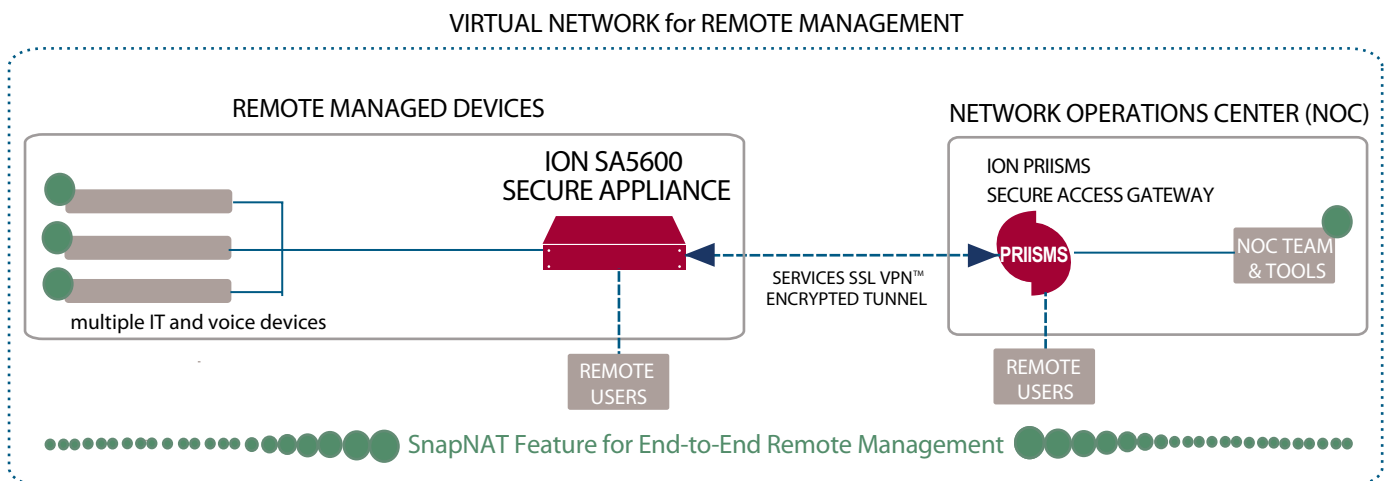
How SnapNAT™ Works: Enterprise networks are notoriously difficult for service providers to navigate, as each enterprise has its own unique and complex IP management scheme. For service providers, managing these addresses is time consuming and costly.

For the enterprise, handing over IP addresses represents a security risk. SnapNAT™ solves this problem for both service providers and enterprise by creating a “virtual addressing scheme.” A service provider assigns a virtual address to each managed device and NOC tool using the PRIISMS 2.6 system. The SA5600 Secure Appliances then acts as both a translator and broker – automatically associating the “real” IP address with the “virtual” IP address – and facilitating the transactions between managed devices and NOC tools. Overall, SnapNAT™ makes it simple for service providers to manage remote systems, while offering both privacy and control for the enterprise.

More Out-of-Band Options

Eliminate the hassle of Internet access with new choices, including wireless broadband

Internet access to managed devices can be unreliable and/or present remote access problems for many service providers. As such, out-of-band access is no longer just for emergencies; it has become a preferred means of connectivity for many service providers. To meet these changing requirements, ION has expanded its out-of-band connectivity options to include ISDN-BRI and support for wireless broadband, both available on the SA5600 1.2.



New to S5600 1.2 and PRIISMS 2.6

Benefits at a Glance

Service Provider Friendly: Once installed, the SA5600 1.2 Secure Appliance automatically launches an encrypted, bi-directional tunnel from inside the customer's network via PRIISMS 2.6 to the service provider's NMS tools and technicians. This ensures service providers receive relevant system information in real-time so enterprise customers receive the fastest possible response.

Fast Deployment, Instant Integration: ION's secure appliances easily integrate with most major NMS systems, patch management servers, Syslog servers, and most other platforms, helping to speed installation and ensure consistent access and alarm delivery.

Better Than a VPN: Built-in security features, including: two-factor authentication, end-to-end AES encryption, session logs, and granular permission setting aid in compliance with a variety of enterprise, government, and industry-mandated security policies.

Clientless, "Anywhere" Access: ION's clientless technology supports multiple connectivity types, including (but not limited to): wireless broadband, IP, and dial-up. Flexible connectivity options ensure that access is available, even in the event of an emergency or outage.

Superior Vendor Access & Control (VAC) for the Enterprise: Purpose-built for vendor access, the SA5600 1.2 Secure Appliance can be used for all third party providers. Security, compliance, and audit features allows the enterprise extend access without losing control.



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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*
Local terminal console	1
Shelf, wall or rack mount	Optional

* Contact your ION sales representative about additional port densities. Email sales@ion-networks.com.