

Remote InfiniStreamNG 690 Appliance

HIGHLIGHTS

- Brings NETSCOUT® smart visibility into remote office locations
 - Ideal for organizations with numerous remote sites with less than 1G in network traffic
 - Supports nGeniusONE® Service Assurance platform and NETSCOUT Security Analytics applications
 - ISNG hardware and software appliance options
 - Two 1 or 10 Gigabit Ethernet capture and analysis ports
 - Supports Omnis™ Smart Edge Monitoring solution, with addition of Omnis™ Cloud Adaptor for service edge and end-user experience monitoring
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InfiniStreamNG Overview

The InfiniStreamNG® (ISNG) appliance uses patented Adaptive Service Intelligence™ (ASI) technology to generate the NETSCOUT “Smart Data” required for continuous and uniform visibility across today’s enterprise environments. The NETSCOUT nGeniusONE Service Assurance platform’s smart analytics consume this smart data to provide real-time, contextual analysis of service, network, and application performance. With the NETSCOUT solution, IT teams today have the technology required to deliver superior user experience, while also ensuring successful digital transformation business initiatives, including data center and workload migrations, Unified Communications (UC) rollouts, cloud and virtual platform transitions, and security analytics initiatives.

Since processing and capacity needs differ, NETSCOUT offers several ISNG models with different storage capacities. Various ISNG models can be deployed in tandem for seamless analysis across the entire network, making it easier and more cost-effective to monitor and gather intelligence from multiple sources, with no disruption to business processes.

With ASI also serving as a common data source for NETSCOUT’s vSTREAM™ virtual appliances, ISNG and vSTREAM technology can be deployed in tandem to manage enterprise transitions to hybrid cloud (e.g., AWS, Microsoft Azure) and virtual (e.g., VMware NSX-V and NSX-T) environments.

Additionally, NETSCOUT Remote ISNG Appliances configured with the NETSCOUT Omnis Cloud Adaptor module provide service edge visibility in the Omnis Smart Edge Monitoring solution.

Remote InfiniStreamNG 690 Appliance Overview

For enterprises transitioning applications to cloud-based platforms, the NETSCOUT Remote InfiniStreamNG 690 Appliance provides IT teams with required visibility into remote site location performance and user experience along the network edge.

Remote ISNG 690 Appliance models include:

- **I-00690/LS Hardware Appliance:** Remote InfiniStreamNG Appliance, 2-Port 10G/1G Configurable (SFP+), 1TB (2x 1TB, RAID 1) (Not Expandable), AC
- **C-00690 NETSCOUT Certified Software Appliance:** Certified Remote InfiniStreamNG Software, 1-socket, for use with C-00690 Certified Appliance Hardware

C-00690 Certified Appliance hardware from NETSCOUT Certified Supplier:

- **C-00690-LSKA1:** NETSCOUT Certified Remote InfiniStreamNG Server, 1U, Single 16-core CPU, 16GB RAM, 1TB (2x 1TB, RAID 1), AC Power

Deployment

The Remote ISNG 690 appliance provides last-line visibility into service performance at the network edge for remote site traffic volumes. The relatively small-form factor supports ease of installation at remote sites with finite IT infrastructures.

With this remote visibility solution, enterprises have the options of deploying our:

- Purpose-built Remote InfiniStreamNG 690 Hardware appliance
- NETSCOUT Certified Remote InfiniStreamNG 690 Software Appliance operating on customer-provided hardware platform certified to support NETSCOUT ISNG software
- Both Remote ISNG 690 Appliance hardware and certified software models operating in tandem along enterprise network edge and remote locations

SPECIFICATIONS

Remote InfiniStreamNG 690 Hardware Appliance

Packet Capture Ports	2-port 10GbE SFP+ or 1GbE SFP
Management Port	One Fast/Gigabit Ethernet LAN port (RJ45) One dedicated 1-Gigabit IMPI for remote management (RJ45)
Storage	1TB (two 1TB disks in RAID 1)
Embedded OS	Solid-State Drive (SSD) dedicated to Linux OS
Rack Unit	1 Rack Unit (1RU)
Dimensions	1.7 in (43 mm) Height 17.2 in (437 mm) Width 9.8 in (250 mm) Depth
Weight	10 lbs. (4.54 kg)
Vibration (Operating)	0.25G from 5–200 Hz for 15 minutes
Temperature (Operating)	32°F–104°F (0°C–40°C)
Humidity (Operating)	20% to 80% (non-condensing)
Altitude	-50 to 10,000 ft (-16 to 3,048 m)
Mechanical Shock (Operating)	1 shock pulse of 40G for up to 2.5 ms
Power Rating	One AC power supply 200W: 100-240 VAC, 50-60 Hz, 4.0-2.0 Amp
Maximum Power Consumption	100V, 0.66A, 61W, 208 BTU/Hr
Regulatory Approvals	Regulatory Model Number: NR1U, FCC Part 15 Class A, CE Mark (EN55032 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), AS/NZS CSPR 32 (Australia), VCCI (Japan) Class A, RRA (Korea) KC Cert #: R-R-NSZ-NR1U, CCC Class A (China), BIS (India), LoA (South Africa) UL 60950-1 & 62368-1, CAN/CSA C22.2 No. 60950 & 62368-1-14, IEC 60950-1 & 62368-1, EN 60950-1 & 62368-1, CB Report

Note: The Remote InfiniStreamNG 690 Appliance is not field-serviceable:

- A single (non-redundant) power supply is provided, and it is not removable
- In addition, hard drives are not field-replaceable

NETSCOUT Certified Remote InfiniStreamNG 690 Software Appliance Option

The NETSCOUT Certified Remote ISNG 690 Software Appliance provides an option for deploying a customer-provided hardware platform certified to support NETSCOUT ISNG software. With this approach, the NETSCOUT-certified software kit is purchased from NETSCOUT, and a hardware appliance (including the NIC) is procured from a NETSCOUT Certified Supplier.

This configuration provides customers the flexibility of a software-based approach with the performance and reliability of traditional ISNG hardware appliances. With guidance from NETSCOUT, customers independently order these servers from a NETSCOUT-Certified Supplier.

nGeniusONE Service Assurance Platform

The nGeniusONE Service Assurance platform provides real-time, contextual analysis of service, network, and application performance.

The nGeniusONE platform is the foundation of NETSCOUT's Omniscient Smart Edge Monitoring solution for service edge visibility and end-user experience assurance.

Available on both hardware and virtual platforms, nGeniusONE provides top-down workflows that support faster IT troubleshooting across data center, hybrid cloud, and virtual environments.

ASI Technology



ASI technology transforms network traffic and synthetic testing results into smart data, providing real-time visibility into user experience for the most advanced and adaptable information platform for ensuring security, managing risk, and driving service performance.

All ASI-based monitoring appliances are integrated with the nGeniusONE platform to provide a common set of metadata analytics.

LEARN MORE

For more information about ISNG appliance options for the enterprise, please visit:

<https://www.netscout.com/product/isng-platform>



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