

nGenius Unified Communications Collector

Collect Skype for Business and Cisco Unified Communications Manager Metrics for Comprehensive UC Analysis

HIGHLIGHTS

- nGenius Smart Data Source integrates major UC vendor data to the NETSCOUT® Adaptive Service Intelligence™ (ASI) solution
- Collects endpoint data from Microsoft Skype for Business and Cisco Unified Communications Manager
- Works in conjunction with nGenius® InfiniStreamNG® appliances and nGeniusONE® performance analytics to accurately determine quality of user experience
- Provides important call detail data for UC analysis workflows in nGeniusONE platform with UC Server license
- Enterprise-class performance supports up to 10,000 endpoints
- With additional software Licenses, supports expanded numbers of endpoints
- Compact 1RU form factor suitable for any data center environment
- Hardware and Virtual Appliance deployment options

Product Overview

The nGenius Unified Communications Collector appliance is engineered to collect call and quality data, as well as performance metrics from major enterprise Unified Communications vendor call control systems. This high-performance appliance has pre-built modules that recognize call data record formats from both Cisco® Unified Communications Manager and Microsoft® Skype for Business servers. The 1RU size offers a compact footprint and is ideal for deployment in any-sized data center. Low power consumption and minimal cooling requirements enable greater deployment flexibility.

Product Capabilities

The Unified Communications Collector appliance provides nGenius UC Server with calling/called identities and other call information that is gathered from Microsoft Skype for Business and Cisco Unified Call Manager servers. This data complements the UC performance information that the UC Server gathers from NETSCOUT InfiniStreamNG appliance data sources.

The Unified Communications Collector appliance:

- Collects valuable endpoint quality metrics and call and quality data
- Securely transmits endpoint data to an nGeniusONE server system
- Facilitates effective nGeniusONE troubleshooting of Microsoft and Cisco endpoint issues, such as degraded audio quality

Performance Metric Data Collection

The nGenius Unified Communications Collector appliance collects performance metrics and call data generated by UC call control servers. The Unified Communications Collector appliance feeds this data to nGeniusONE to provide more thorough voice and video session analysis in nGeniusONE Media Monitor, Streams, Single Call, and Call Search analytics.



nGenius Unified Communications Collector – 52UB4L | 1TB, 2 x 10/100/1000 Port

nGenius Unified Communications Collector – 92UB0L | Virtual Appliance

Remote Management

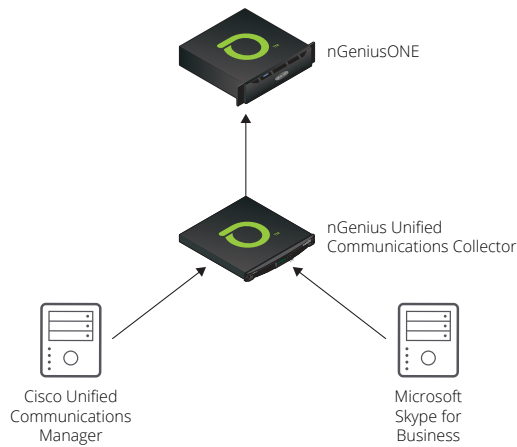
Every nGenius Unified Communications Collector appliance in the network can be easily updated directly by the nGeniusONE systems. Using centralized management, IT can reduce costs, streamline administration, and improve enforcement of patch updates in a distributed environment across multiple nGenius Unified Communications Collector appliances.

Secure Operating Environment

The nGenius Unified Communications Collector is an enterprise-class appliance that runs on a hardened Linux® operating system optimized for secured operation. Access to stored data is controlled, password protected, and privileges are tiered to control access to sensitive call records. The performance metric data is securely transmitted to the nGeniusONE server over encrypted HTTPS connections.

Deployment Strategies

The nGenius Unified Communications Collector appliance is ideally collocated with Microsoft Skype for Business and Cisco Unified Communications Manager servers in data centers and regional sites. Large scale topologies can be easily designed by distributing several nGenius Unified Communications Collectors across the entire network. Each nGenius Unified Communications Collector can support up to 10,000 Microsoft or Cisco UC endpoints.



In addition, NETSCOUT offers the Unified Communications Collector Virtual Appliance, which is a software-only license option supporting VMWare and KVM platforms. The Unified Communications Collector Virtual Appliance option provides the same functionality offered in UC Collector hardware appliances.

The Unified Communications Collector Virtual Appliance requirements include:

- Customers must be able to install, configure, operate and manage the UC Collector Virtual Appliance in the VMWare or KVM operating system environments.

SPECIFICATIONS

Model 52UB4L

LAN Ports	(2) 10/100/1000
Storage Capacity	1 TB
Data Storage Redundancy	RAID 0
Management Ports	(1) RJ45 10/100/1000BaseT
Side Rails	Rack mount side rails included
Physical Dimensions	1.7 in (43 mm) Height 17.2 in (437 mm) Width 27.75 in (705 mm) Depth
Weight (Maximum configuration)	43 lbs (19.45 kg)

Operating Environment

Vibration	0.25 G from 5 – 200 Hz for 15 minutes
Temperature	41° to 95° F (5° to 35° C)
Humidity	8% to 90% (non-condensing)
Altitude	-50 to 10,000 ft (-16 to 3.048 m)
Mechanical shock	1 shock pulse of 20G for up to 2.5 ms

Power

AC Rating	700W/750W redundant, auto-ranging: 700W: 100 – 140 VAC, 50 – 60 Hz, 8.5 – 6 Amp 750W: 180 – 240 VAC, 60 – 50 Hz, 5 – 3.8 Amp Maximum consumption: 5.9A, 590W, 2013 BTU/Hr
DC Rating	660W redundant, -48VDC, 18 Amp Maximum Consumption: 10A, 480W, 1638 BTU/Hr
Regulatory Agency Approvals	Regulatory Model Number: NATL Class A, CE Mark (EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3), VCCI(Japan) Class A, RRA (Korea) KC Cert #: MSIP-REM-NSZ-NATL UL60950-1 (E153921) CAN/CSA C22.2 No. 60950, EN60950, CB Report UL-GS (DEMK0)

nGeniusONE Service Assurance Platform

The nGeniusONE Service Assurance platform helps dramatically shorten the time required to solve network and application performance issues by providing one common set of metadata for service visibility across application tiers, network components, and diverse user devices. With both macro-level and micro-level insights into the performance and use of complex, enterprise-wide services, the nGeniusONE Service Assurance platform addresses the needs of a collaborative IT operational team including network, application, server, and service delivery managers.

ASI Technology



The nGeniusONE Service Assurance platform is powered by Adaptive Service Intelligence (ASI) technology, NETSCOUT's patented, next generation Deep Packet Inspection (DPI) engine that relies on packet-flow data to provide real-time, contextual analysis of service, network, and application performance. The superior scalability, depth, and speed of ASI enables it to generate Key Performance Indicators (KPIs), Key Traffic Indicators (KTIs), Key Server Indicators (KSIs) and Key Error Indicators (KEIs) for protocols and applications that business services depend upon.



Corporate Headquarters
NETSCOUT Systems, Inc.
Westford, MA 01886-4105
Phone: +1 978-614-4000
www.netscout.com

Sales Information
Toll Free US: 800-309-4804
(International numbers below)

Product Support
Toll Free US: 888-357-7667
(International numbers below)

NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us