



## HIGHLIGHTS

- Leverages InfiniStreamNG™ smart data platform for multi-dimensional reporting and data analytics capabilities for data, voice and video services.
- Future-ready architecture scales to address large, geographically diverse deployments and emerging technologies including SDN, NFV and IoT initiatives.
- Simple, easy-to-use workflows streamline troubleshooting activities and accelerate root cause determination.
- Out-of-the box recognition for an extensive list of networks, services, applications, user devices and protocols accelerates uptake and productivity.
- Flexible user-defined service domains encourage alignment with how services are delivered for end-to-end tracking of service delivery and granular insights into network and service performance from multiple dimensions.

# nGeniusONE

## Service Assurance Platform for Service Providers

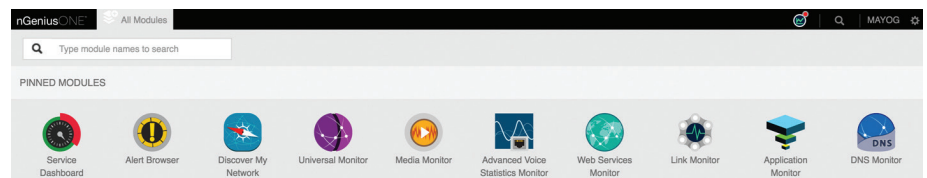
### Monitor and Troubleshoot Service Performance

With the nGeniusONE® Service Assurance platform, service providers can proactively manage service delivery across complex network, service and application tiers with a highly scalable and unified approach. Designed to support mobile, fixed line and cable/MSO operators, nGeniusONE addresses a wide range of technologies and services including 2G, 3G, 4G/LTE, packet and circuit switched voice, video, fixed broadband and carrier Wi-Fi.

### Top-Down Investigation Shortens MTTR and Mitigates Risk

nGeniusONE's Service Dashboards enable at-a-glance analysis of emerging quality degradation with logical, contextual drill-through from Service/Traffic Monitors to session and packet analysis for in-depth investigation of interactions and underlying dependencies.

- Effectively manage the performance, availability, quality and user experience with a holistic end-to-end view into the performance characteristics of service delivery.
- Single pane of glass drives multi-layered analysis capabilities in support of proactive and reactive management activities.
- Modern workflows enable a service-oriented approach to managing networks, services and users.



The nGeniusOne platform offers an app-based user interface for service assurance tasks. With an ever-expanding list of modules, users can quickly focus on the metrics and services that matter most. For a detailed list of available apps, contact your NETSCOUT sales representative.

### Timely Intelligence Encourages Proactive and Informed Decision Making

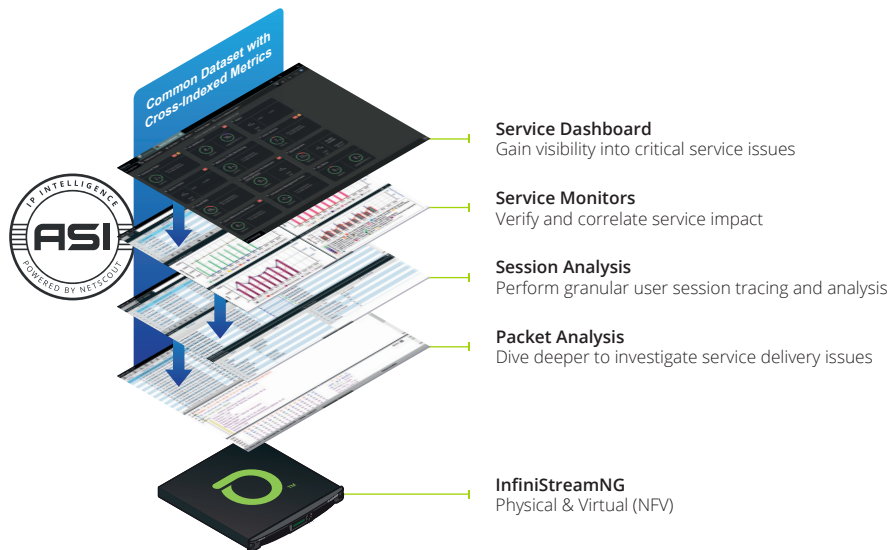
Swift isolation of problems across complex, multi-technology and multi-generational domains is further enhanced with NETSCOUT's powerful analytics and situational analysis capabilities.

- Rapid identification, triage and isolation of performance problem root causes guards against revenue loss and yields reality-based insights for capacity planning and network tuning.
- Derived intelligence improves productivity with automated detection of emerging performance issues threatening service availability, quality and the user experience.
- Simplified approach to managing complex services and applications with advanced analytics and real-time alerting.

### Scalable and Future-Ready Design

The nGeniusONE platform, utilizing Adaptive Service Intelligence™ (ASI), scales to address the world's largest networks; today and tomorrow. nGeniusONE provides:

- Real-time visibility of control and user plane traffic.
- High definition data with an end-to-end view of service, network, application, server performance and user experience.
- Accelerated troubleshooting capabilities and contextual views of service network and application performance that represent the actual user experience.
- Scalability and support of growing traffic volumes and increasingly complex user session transactions.
- Service assurance continuity and visibility into IoT, OTT, VoLTE, and NFV.



### BENEFITS BY DESIGN

nGeniusOne's integrated analysis architecture simplifies and streamlines performance management activities.

A modern, top-down focused approach supports users moving from problem identification, to triage, to resolve.

#### Service Dashboard

Delivers health status, alarms and intelligent early warnings, for service enablers, so operations teams can focus their triage efforts where needed.

#### Service Monitors

Enables comprehensive analysis of key service transactions, such as latency, responsiveness, failures and traffic analysis to identify the root cause of performance issues impacting service.

Empowers operations teams with holistic visibility into all service-specific transaction query/response volumes, latencies, errors, as well as the affected subscribers.

Support for pre-defined and user-defined service monitoring flexibly addresses a wide range of unique monitoring and analysis requirements.

#### Session Analysis

Performs session-level investigation with ladder diagrams and contextual hop-by-hop transaction analysis to help identify service-specific issues.

#### Packet Analysis

Provides deep-dive, protocol-level analysis and forensic evidence collection.

#### Reporting

Supplies day-to-day operational reports, which can be scheduled for daily, weekly and monthly delivery.



**Corporate Headquarters**  
 NETSCOUT Systems, Inc.  
 Westford, MA 01886-4105  
 Phone: +1 978-614-4000  
[www.netscout.com](http://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)

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