

## OptiView XG Network Analysis Tablet – Version 13 Software Release and 802.11ac WLAN Radios

A dedicated tablet for automated network and application analysis, OptiView XG is the network engineer's fastest way to find the root cause of performance problems on wired and wireless networks. This latest hardware and software release provides users with "in the air" visibility on 802.11ac WLANs, and extends OptiView's network discovery capabilities so engineers can stay in touch and in control in these days of borderless network environments.

*"It's hard to imagine our team efficiently performing their IT duties without the OptiView XG. It's our worldwide standard for network analysis and troubleshooting at Bosch. Having a solution that is not only flexible in terms of remotely troubleshooting or being taken into the field, combined with its ability to automate the analysis process and then give the manager the ability to dig into specific packet level information, is unique in the market. It allows us to complete critical projects on time and solve problems really fast."*

*- A Network Manager at Bosch Group*



### Version 13 Highlights:

- **802.11ac Wi-Fi Analysis (new radios, new software)** – Wired and Wireless Analysis to deploy, analyze and troubleshoot the latest technologies.
- **Network Discovery Improvements** – Take control inside your network borders with XG's enhanced discovery and mapping of "unknown" devices.
- **TruView Live** – Extend the power of your XG and monitor your web apps and VoIP services.
- **HeadsUp XG** – Updated for both the latest versions of Apple® IOS and Android. Keep in touch with your network with this handy app that links your mobile device with your OptiView XG.
- **ClearSight Analyzer (CSA) Version 9.6** – CSA now includes WireShark v1.12 decodes.

Gold customers can upgrade to version 13 software free of charge by logging into their Gold "my account" on [enterprise.netscout.com/user](https://enterprise.netscout.com/user). Upgrade to 802.11ac radio hardware is also free to Gold owners. Contact your NetScout sales representative for information (upgrade is performed by authorized NetScout Service Centers.)

### About Version 13

The evolution of networking technologies brings new challenges for engineers tasked with maintaining network and application performance. As networks become more "borderless" with the use of cloud-based services and applications, and users become more mobile with smart devices and increased bandwidth at the edge, it is ever more critical that engineers have full visibility wherever problems may appear. Since most performance management systems stop at a site's edge router, engineers need to fill gaps in their vision with a combined portable and fixed solution to analyze end-to-end and everything in between.

Version 13 adds new capabilities for both wireless and wired network analysis, and pairs OptiView XG with the latest solutions from NetScout for managing your borderless enterprise network.

## 802.11ac Radios and Software Enhancements

New OptiView tablets shipping with Version 13 are equipped to analyze the latest Wi-Fi technology, 802.11ac – the so-called "Gigabit Wi-Fi" (XG's new radios are still backwards-compatible with prior standards, 802.11a/b/g/n). Along with the new hardware, the AirMagnet mobile applications (SurveyPro, Wi-Fi Analyzer, and Spectrum XT) have been updated for use with the new radios and added 11ac capabilities.

Existing customers can upgrade their OptiView hardware to 11ac capability. As a service to our Gold Support owners, there is no charge\* for the upgrade to 802.11ac radio hardware or for the latest versions of AirMagnet mobile software modules. Contact your NetScout sales representative for information. Owners without Gold Support can get the upgrade by purchasing support, or by purchasing the following enhancement kit. In both cases, the upgrade is performed by authorized NetScout Service Centers; the new radio hardware is not user-installable.



---

Item Number:	Model:	Description:
4707230	OPVXG-11AC-EK	OptiView XG 802.11ac Wi-Fi Enhancement Kit

\*Parts and labor are provided free of charge; shipping costs are not included.

OptiView XG is uniquely qualified to assist with the migration to 802.11ac. With the new 11ac technology increasing bandwidth usage at the edge of the network, engineers need to do more than "just" an 11ac site survey. To ensure adequate bandwidth and network performance for the "backhaul" into the wired network, performance testing on these wired links is needed for a successful 11ac installation. Using XG's NPT (Network Performance Test) function, engineers can assess the quality of the wired network in terms of throughput, latency, jitter and validate QoS end-to-end.

## More Vision and Control from Network Discovery Enhancements

### Automated Problem Detection

OptiView XG automatically scans for errors in the network infrastructure. Errors are collected in a Problem Log that can be categorized and sorted. Examples of problems detected are: performance problems, duplicate IP addresses, incorrect subnet masks, default router not responding and many more.

Alerts on detected problems can be delivered to a network management system via SNMP trap or syslog messages. With the HeadsUp™ XG App (updated in Version 13) for Apple iOS or Android devices, problem alerts can be sent directly to your phone or tablet, allowing you to see and drill into problems from wherever you are.

### Automated network mapping

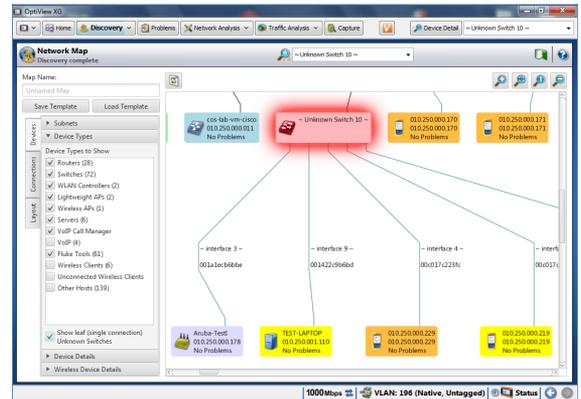
The faster engineers can "see" what is going on in their network, to know who is on the network and where they are connected, and what the path is from "here to there", the faster they can get to root cause when troubleshooting performance issues. This is especially true for maintenance organizations or system integrators who often troubleshoot an "unknown" network. The problem is that traditional methods (CLI or element managers) take too long and present complex data that's often hard to interpret and difficult to correlate.

Using OptiView's patented discovery engine, users can interact with the network in a flexible map-based user interface to quickly visually identify configuration and topology issues, speeding troubleshooting.

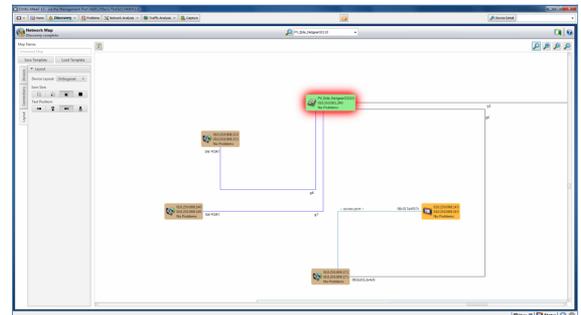
Documentation is an essential step for any project, such as pre-deployment network assessments and new technology rollouts, but it can take too much time to complete. From the graphical map-based user interface, one click sends the map data through a Visio file generator, creating instant, professional network documentation. Ideal for enterprises or service organizations, OptiView XG's mapping function saves hours of manual labor, allowing documentation to keep up as the network changes, or provide instant maps for client projects.

OptiView XG uses data from wireless LAN controllers (WLCs) to create wireless network connectivity maps. The content of the map can be filtered by selecting one or more SSIDs, desired WLAN frequency bands, device and security types. Map details are user configurable, including link rates, channels used, AP mode and capacity, client count by AP, and more. Wired infrastructure connections show the entire network - from end-to-end - so you are never without updated documentation of your wired and wireless network.

OptiView Version 13 provides two new key capabilities for network mapping. First, v13 provides visibility of unmanaged, unknown devices – including WLAN access points. View these potential 'rogue' devices in both the discovery list and see them in a network map, along with the devices connected to them. Secondly, mapping of VoIP phone endpoints provides complete documentation for Unified Communications deployment projects.



Unmanaged or rogue devices in network maps



Mapping VoIP phone connectivity

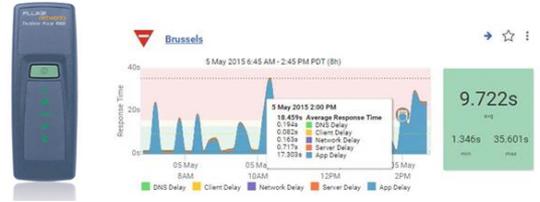
# NETSCOUT

## Monitor Your Web Apps and VoIP Services

Extend the power of your XG and monitor your SaaS apps and services using TruView Live, a cloud-based service that monitors web and SaaS applications, VoIP services and network endpoints. With Version 13, OptiView XG becomes an integrated part of your borderless enterprise performance management solution – for optimal end user experience.

Every OptiView XG now ships from the factory with a TruView Pulse included. Also, the purchase of Gold Support for OptiView XG entitles the owner to a free "Core" level subscription to the TruView Live service. Gold Support owners can activate their free subscription to TruView Live by going to <http://app.truviewlive.com/gold> (will need to enter their Gold contract number and PIN). The duration of their Core subscription is determined by the Gold Support contract on the OptiView – one or three years.

OptiView XG with version 13 will discover Pulse probes on your network, and allow the installation of the Virtual Pulse software on the XG, enabling it to serve as an endpoint for testing services in TruView Live.

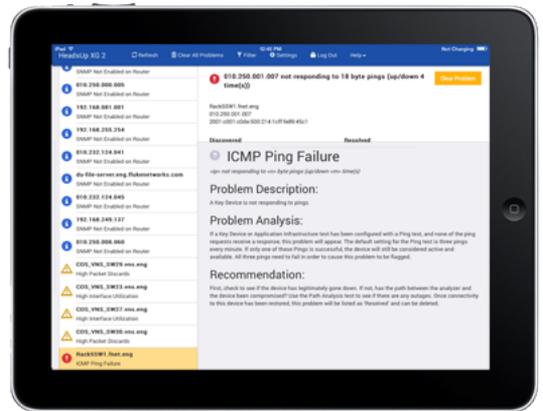


Using TruView Live and TruView Pulse endpoints gives OptiView XG users visibility into the performance of cloud-based applications and services.

## Problem Alerting and Notification – HeadsUp™ XG Mobile App Enhancements

With the updated HeadsUp XG mobile app for Apple iOS (available free via the Apple iStore), and Android devices (available on Google Play), you get real-time notifications from your OptiView XG tablet(s). Instant notification means you're always "in touch" with your network, and seeing critical problems even before users start calling the help desk.

Use HeadsUp XG to browse your OptiView XG units, and drill down into problems on the Problem Log. The affected devices and specific problems are reported, along with the severity of the problem (Error, Warning, Info) and the time detected. Problems that have been resolved are also indicated, and the time the resolution was detected. The app also includes a detailed Help file, or onboard "expert", providing background information about the type of problem, how it can be caused and what can be done to resolve it. Having visibility of problems in the palm of your hand allows you to react more quickly when problems occur, and help you decide whether the particular problem is a "red alert" or something that can wait, helping you manage your time more effectively. Multiple users can use HeadsUp XG to access and get notifications from your XG(s).



HeadsUp XG app for iOS and Android

You can "clear" problems on the XG remotely from your phone or tablet, and through the app's synchronization capability, the problems are cleared on the XG simultaneously, and vice versa – problems cleared on the XG are automatically cleared on your handheld device.

## Key Features from Other Recent Updates

### Version 12:

- **End User Response Time (EURT) Metrics** – Through integration with TruView™, XG users now have full visibility EURT metrics by user, site, server and application. A graphical "heat map" instantly pinpoints the application performance problem domain – network or application – with detailed drill-down into root cause.
- **Profile Management**– Enables saving instrument settings as a site- or client-specific profile, speeding instrument reconfiguration when moving between different networks.
- **Wireless Network Mapping** – Enhancing the automated mapping feature released in Version 11, OptiView XG uses data from wireless LAN controllers (WLCs) to create wireless network connectivity maps.
- **10GBASE-T Adapter** – As 10 G on UTP becomes more prevalent, XG users can add this optional adapter to their analyzer for easy connectivity and testing of 10GBASE-T links.
- **Check for Updates** – OptiView XG users with Gold Support coverage enjoy frequent and significant software updates. Now, XG informs you when the latest software is available, ensuring that you always have the latest and greatest features.
- **AirMagnet SurveyPro v8.6** – XG users with the optional AirMagnet SurveyPro software can now perform 802.11ac surveys.

### Version 11:

- **New OptiView Performance Test Remote (PTR)** – A cost-effective way of instrumenting multiple points in the network with a 10G device for performance testing, troubleshooting and installation validation.
- **New Windows Reflector** – Easily-downloadable software agent for instant deployment on PCs anywhere in your network, for performance testing and troubleshooting wherever it is needed.
- **Automated network mapping** – Using OptiView's powerful discovery engine, users can now interact with their network in a flexible map-based user interface to visually identify configuration and topology issues, speeding troubleshooting. One click sends the map data through a Visio file generator, creating instant, professional network documentation.
- **Sequential Store-to-Disk** allows users to capture and save trace files from multiple incidents or longer time periods for later analysis, helping to ensure that the necessary packets are captured.
- **ClearSight Analyzer v9.5** – With key enhancements, such as Wi-Fi traffic and RADIUS decodes, ClearSight provides automated expert analysis of captured traffic for fast analysis of the toughest performance problems.
- **HeadsUp™ XG for Android** – Stay connected and informed with the OptiView XG mobile app for problem notifications, HeadsUp XG – now available for Android. Get problem notifications and explore XG's Problem Log from your Apple® or Android phone or tablet.

## NetScout Gold Support

Our support plans give you exclusive services and 24/7 technical assistance. Sign up for our Gold Support plan and you'll enjoy outstanding privileges to protect and add value to your investment in NetScout equipment. They include unlimited technical assistance seven days a week, 24 hours a day via phone or at our web support center. Repairs on covered items and "next day" dispatched loaner units for uninterrupted service. Free software upgrades. Web based training. Access to our extensive Knowledge Base library of operation and application related technical articles. And Gold "Members Only" special prices and promotions. Some benefits are not available in all countries. See [www.enterprise.netscout.com](http://www.enterprise.netscout.com) for more information.

