

HIGHLIGHTS

Ipswitch WhatsUp Gold is powerful, easy-to-use-and-deploy software for unified management of applications, servers, and devices on the Ruckus Wi-Fi network.

Key Benefits:

- Improves SLAs for web servers supporting online course booking and web payment
- Solves recurring issues automatically with self-healing scripts
- Works seamlessly across complex IT environments and multiple-vendor devices
- Highly automated to reduce administrative time
- Proven globally and used in educational institutions around the world
- Monitors availability for student email and file and print servers
- Great Wi-Fi
- Scalable, carrier class controller
- Cloudpath onboarding
- SPoT LBS and asset tracking

Ruckus Wireless and Ipswitch

Manage and Optimize Ruckus Wireless Networks

The Challenge

Today, Wi-Fi technology has become pervasive and critical in today's school environment. Schools have seen an explosion in the number of applications and devices on their Wi-Fi network and IT staff have not grown proportionally, but IT is still expected to deliver quality Wi-Fi performance, manage applications and devices on both the wired and wireless networks.

Schools are investing in hardware, software and network upgrades to meet today's rigorous educational standards and it's up to the school's IT department to make sure these investments are reliable and secure. Resources are tight and there is insufficient resources to acquire and learn every tool to diagnose every network or application problem. Enterprise-level network monitoring suites are not an option because they are complex and too expensive for most school IT budgets.

The Solution

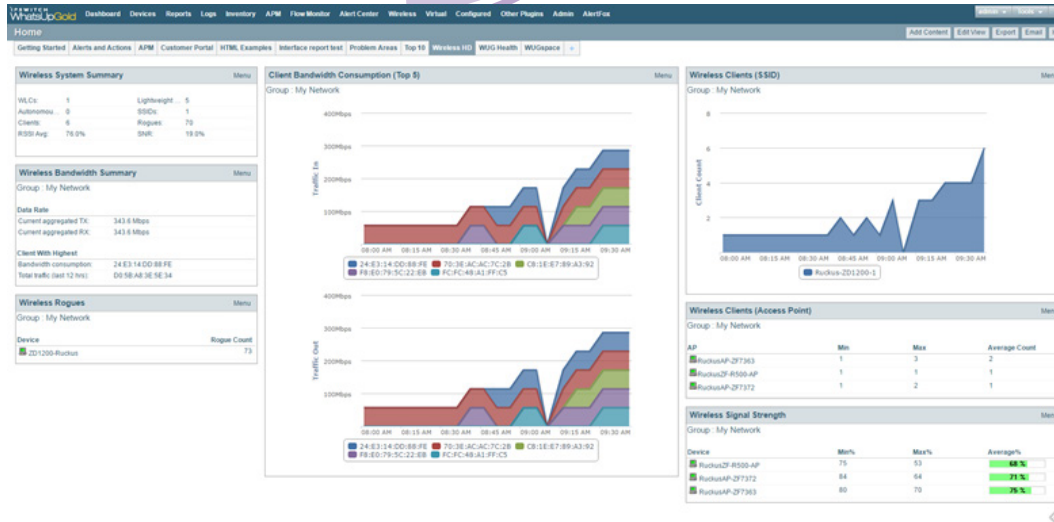
Ipswitch WhatsUp Gold is a powerful, affordable, easy-to-use tool to for unified management and monitoring applications and devices on a high performance Ruckus Wi-Fi network.

You Can't Improve What You Can't Measure

Visibility is the key to controlling a school's Wi-Fi network infrastructure. WhatsUp Gold gives Administrators centralized visibility across all wired and Wi-Fi networks so IT can quickly detect problems. WhatsUp Gold lowers IT expenditures on wireless infrastructure by:

- Managing wireless services in key educational settings
- Meeting and exceeding (QoS) goals
- Identifying users violating policies or consuming excessive bandwidth

Ruckus Wireless and Ipswitch



WhatsUp Gold provides a unified view so you can see everything on your network

Solve networking problems before they impact students and staff

WhatsUp Gold delivers complete control over your institution's Wi-Fi network, servers and applications. A single user interface enables IT to map and monitor every network-connected device with an IP address and vendor networking devices. WhatsUp Gold solve network problems automatically with self-healing scripts

Fast installation

WhatsUp Gold's simple installation enables monitoring your school's Wi-Fi network within an hour. Users can customize the scope of discovery, select critical applications and network devices. WhatsUp Gold supports all popular flow technologies including NetFlow, S-Flow, J-Flow and others with extensive support for multiple network vendor switches and routers.

Find Problems Faster

Monitor and troubleshoot problems in minutes with a single, comprehensive dashboard that reflects real-time network and application data across all of your facilities. Identify traffic flow patterns and pinpoint which hosts are consuming critical bandwidth (such as YouTube and Pandora).

Protect the Network and Its Users

In an educational setting, security is paramount. WhatsUp Gold Flow Monitor provides integrated monitoring and analysis of all of your school's network traffic and bandwidth utilization, right down to the level of individual users, applications and protocols. IT administrators can track all users on the Wi-Fi network, identifying rogue users and devices and monitor how they are using the network. For instance track the number of failed connections, a precursor of external attacks or other rogue activity.



Ruckus Wireless and Ipswitch

High Availability and Scalability

WhatsUp Gold Failover delivers high availability and uninterrupted monitoring. Using Failover, WhatsUp Gold is configured with a secondary server. If the primary server fails, the secondary server takes over all polling, alerting, and reporting functions. When the primary server is restored, it resumes these functions, all transparent to users. A single instance of WhatsUp Gold supports 2,000 devices or 10,000 monitors, and these thresholds can be increased using Scalability Pollers. With Scalability Pollers, a single instance of WhatsUp Gold can support up to 20,000 devices or 100,000 monitors.

High Performance Wi-Fi

Ruckus BeamFlex is the industry's most advanced "Wi-Fi smart" antenna implementation. Combining a compact internal antenna array with expert control software, BeamFlex continuously optimizes the connection for each connected client to bypass interference and physical barriers as well as to increase range and performance of the Wi-Fi network from 200 to 300 percent. Highly sensitive antenna elements also deliver the industry's most sensitive Wi-Fi receiving capabilities. This results in the most reliable Wi-Fi system available today. Equally important, Ruckus provides a comprehensive BYOD solution to get new users and devices securely connected to appropriate resources without any IT involvement.

For more information, visit:

<http://www.whatsupgold.com/solutions/industry/k-twelve.aspx>

<http://www.whatsupgold.com/solutions/industry/higher-ed.aspx>