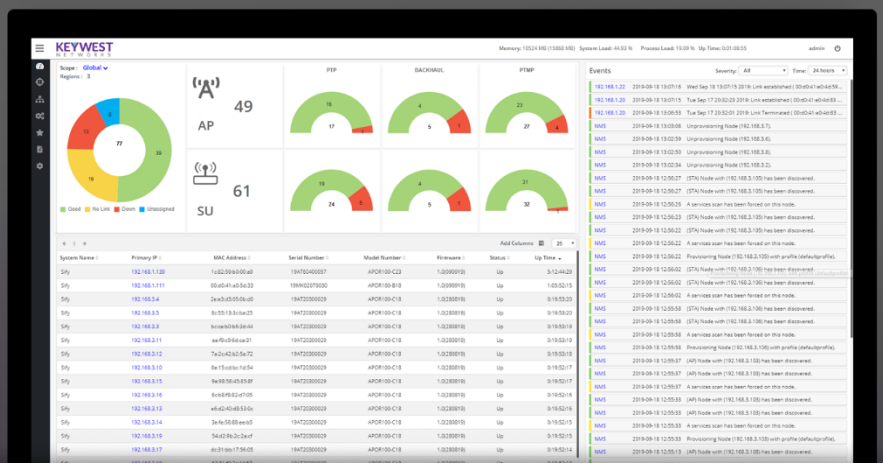
KEYWEST NETWORKS

ORNMS

Manages and Monitors your Critical Infrastructure



Highly Scalable

Automatic Provisioning

Discovery

Bulk Operations

Generate Reports and Tickets

Asset Tracking

Overview

The ORNMS is a centralized, highly - scalable and comprehensive web-based management application that enables to discover, monitor, configure, and report on enterprise-class wireless radio networks. A complete picture of the entire network is simplified by using KeyWest ORNMS.

Fully Visible Network

- Manage an entire network, including backhaul (PTP) links, point-to-multipoint (PTMP) access and WiFi
- Dedicated dashboards for each device and centralized upgrade with configuration workflows to minimize the learning curve for network managers

Remote Troubleshooting

- One-click to reveal the entire network management, related to the problem area, displaying the results of performance and latency tests, as well as sub-system level health checks
- Managers can see the network elements on Google maps that causing issues and defining timely solutions

Effortless Deployment

- Configurations of device in advance can be applied automatically at the time of installation.
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- Easily manage software upgrades and configuration changes and kept up to date in large networks

Cloud Management

- ORNMS quickly connects from wherever you are using secure HTTPS. No need for VPN connections
- Easily scalable, no need for up-front hardware expense with ORNMS

Key Features

KW NMS is a fully functional with all features to manage your network with enhanced and extended support for upcoming releases. Some of the features included are following:

Highly Scalable

Network management made easy with highly Scalable and manage up to 10,000 radios.

Highly Available

It uses raid 10, network attached storage and active-passive cluster configuration

Extensible

Defines a rich set of REST API's for easy integration with north bound NMS, ticket generation and reporting tools

Discovery

SNMP and ICMP based discovery continually add radios on the network. Discovery also allows importing radios from a predefined template file

Automatic Provisioning

Preconfigured profiles may be applied to reduce to select radios as soon as they are discovered

Bulk Operations

All IP config, scheduled firmware with change in password and reboot can be done in bulk

Keep Firmware Up to-Date

Apply firmware upgrades in bulk to a set of radios

Asset Tracking

ORNMS shows all radios in the network that have been configured or currently unassigned.

Generate Reports and Tickets

We integrate with crystal reports and Jira ticketing system to automatically generate tickets.

Main Features	
Dashboard	Overall status of entire network along with events and device information
Device Monitoring	Dedicated dashboards One-click to reveal the device management, related to the problem area, displaying the results of performance and latency tests
Reports	Dedicated dashboards, reports, alerts per devices
Alerts	Custom alerts action policies
Customized Reports	Format: HTML, PDF, CSV
Pre-defined Reports	Inventory, Executive daily Summary, Availability, Configuration, Alerts, Trap, Performance, Utilization
Device Software Upgrades & Configuration	Manage software upgrades and configuration changes
Notification Methods	Email, Push alerts
Mechanization / Automation	Network scan (Auto provisioning), Topology builder, Report emailing, Maintenance, backup
Hierarchical Dashboard / Map Views	Drill down dashboard, Infrastructure & hashtag maps
Geo Location map (Google Map)	Supported
User Accounts Management	Supported, Locally, LDAP and Radius
User Roles	Feature level
Audit logs	Supported
Concurrent Users	Unlimited (Hardware depended)
No of Manage Devices	10K plus (Hardware depended)
Distributed Polling	Supported
High Availability & Redundancy	Supported
System Requirements	
Minimal Hardware	CPU: 8 Core — 64bit processor, Memory: 8GB, Disk: 500GB (Depending on the network size)
Operating System	
RHEL	Red Hat Enterprise Linux 7 or higher, CentOS 7 or higher
Debian	Debian 9 or higher, Ubuntu 16.04 LTS or higher
OpenJDK 11 Development Kit	Installed OpenJDK 11 Development Kit

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