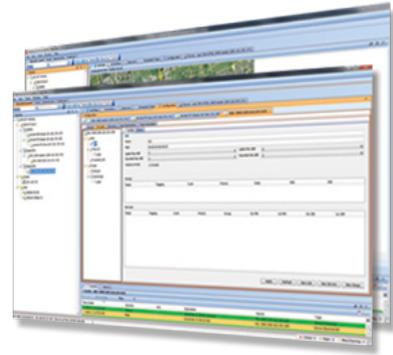


CLEARVIEW

Wireless Infrastructure Management Solution for Redline Wireless Networks



ClearView NMS is a full-featured yet easy-to-use centralized network management solution to configure, monitor and control Redline wireless networks. Fully scalable from 10's to 1,000's of elements, ClearView includes a full suite of tools including topographic/satellite maps and software scheduling tools to automate complex tasks.

ClearView allows you to build a custom dashboard to monitor key network performance indicators at a glance. Event and fault management notifications can be sent by email for important status changes or thresholds crossing alerts. For high availability applications, ClearView NMS is available in hot-standby configurations with co-located or physically separated hardware platforms.

FEATURES AND BENEFITS

- Rich visualization environment allows operators to quickly gauge network health
- Installs on most Windows, UNIX and LINUX operating systems
- Topology/satellite maps with drill-down capability
- Secure operation through authenticated user login, permission profiles and auditing of all user actions
- ClearView saves all statistics, events and alarms in a database for real-time analysis and historical analysis (eg capacity planning).
- Events and alarms can be forwarded to a Northbound interface (NBI) and/or send via e-mail alerts

PRODUCT COMPLEMENTS

The ClearView application supports , AN-80i, RDL-2000, RDL-3000, RDL-5000 and compliant third-party devices.

UNIFIED GLOBAL SOLUTIONS

Redline's patented UWT™ technology provides a truly unified wireless networking solution—across the spectrum, across your company and across the globe—enabling secure, reliable, high-speed connectivity to people and smart devices everywhere.

SYSTEM AT A GLANCE

Wireless device monitoring, configuration and provisioning

Dashboard for network performance monitoring

Network discovery and mapping

Alarm and fault management

Inventory management and reporting

Scheduled bulk operations and tasks

Scalable from 10's to 1,000's of devices

Northbound interface towards OSS/BSS systems

CLEARVIEW SPECIFICATIONS

Elements Supported	AN-80i, RDL-2000, RDL-3000, RDL-5000, and third-party SNMP-based devices
User Interfaces	Internet Explorer, Firefox
User Views	Topology tree by subnet, groups, location, geomaps, logical network
Configuration Management	Auto discovery of network elements, bulk templates, forms, provisioning, configuration backup and restore, software image upgrade
Event and Fault Management	Alarm and events filtering and sorting, alarm configuration and severity assignment profiles, threshold crossing alerts (TCA), alarm forwarding and notifications
Performance Management	Performance threshold crossing alerts, performance and diagnostic dashboards, chart or table view, storage and retrieval
Inventory Management	All main attributes, view by devices, sites, third party
Security Management	User authentication management SNMPv3 (MD5 & SHA1 authentication protocols, CBC_DES & CFB_AES_128 privacy protocols) User session logging
Reporting	Print view, export to CSV
NBI	SNMP v1/v2c/v3 CORBA, X-RPC (XML over RPC), Web Services, HTTP/HTTPS
System Requirements	<p>Server Microsoft Windows 2008 Server, Linux Red Hat, CentOS and Ubuntu, Sun Solaris 10</p> <p>Client Microsoft Windows Vista/WIN7, Red Hat, Ubuntu Linux Microsoft Internet Explorer 7/8, Mozilla Firefox 3</p>
Hardware Requirements	Up to 200 devices/100 links Intel Pentium i7 2.66 GHz, 4 GB SDRAM DDR3, 100 GB/7500 RPM, 1Gb Ethernet Interface 200+ devices Dual Intel Xeon 5600, 8/16 GB SDRAM DDR3, 500 GB SAT/10000 RPM, Dual 1Gb Ethernet interface, Redundant 400W Power Supply
High Availability	Collocated or physically separated hardware platforms

SCREENSHOTS

