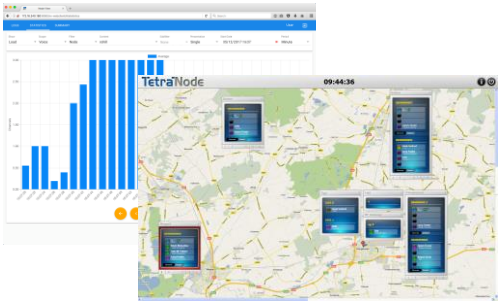
NodeView



KEY FEATURES

- Network awareness through real-time monitoring
- Pro-active network management through elaborate network analysis
- Active and historical logs, statistics and reporting
- Activity window and status view of connected TetraNode elements
- Visible and audible alarms

General description

Mission-critical communication networks demand continuous monitoring options to support the management requirements of their operators. The information gathered enables administrators to efficiently plan, provision, install, maintain, operate and administer the networks and services provided. With a constant eye on network traffic, the communication equipment and associated support equipment, such as transmission systems, switching systems and other network elements, NodeView provides essential information. This information enables operators to plan, organize, supervise, control and account for services provided.

Application

NodeView fulfils an important role in fault management, accounting management, performance management and security management. With its web based access to monitoring and reporting options, NodeView provides a complete and easily accessible overview of the networks status. NodeView provides a visual map of TetraNode elements that shows real-time information about ongoing calls, the channel and system load, queuing events, and status of each of the attached elements.

Functional overview

NodeView offers an intuitive multi-language user interface, extensive filter settings, user-definable viewing and reporting profiles, and export functionality to generate the required statistics. The results are shown in either a list or a graphical view.
With its monitoring options, NodeView provides means to minimize the responds time to network events. NodeView shows the real-time affiliation of users and groups to base station sites, actively reports about the status of attached devices and occurring events. Call logs are updated in real-time, showing detailed call information of both active and historical calls. Events are clearly marked and provide the required feedback to act upon.

The reporting options enable the administrators to gather all kinds of information related to the operation of the network. This makes it possible to identify changing requirements by evaluating dispersion of load and affiliations throughout the network over time and in response ensure predictable communications behaviour by managing the network accordingly. Detailed reporting about errors and events enable the administrators to proactively prevent network issues.
NodeView also provides a dedicated view to ensure successful deactivation of unmanaged and missing terminals, preventing uncontrolled access to the TetraNode network by unauthorized individuals.

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NodeView

ORDERING SPECIFICATIONS

Deliverable system

R-750 NodeView, incl. graphical view, call- and event logs, 2 concurrent users

Available for networks with 6, 16, 32, 48, 96 or 128 sites

Options:

- R-750-R NodeView Redundant
- L-752 NodeView Statistics
- L-753 NodeView Affiliation, Enable/Disable Overview
- L-760 additional user

TECHNICAL SPECIFICATIONS

Mechanical - standard rack mount server

- 1U rack mount enclosure
- Dimensions (H x W x D): 43 x 431 x 394 mm
- Weight: 8.1 kg

Power supply - standard rack mount server

- Power supply voltage: 90 to 240 V_{AC}, 50/60 Hz
- Power consumption: maximum 280 W

Environmental - standard rack mount server

- Operating temperature: 0 to 45 °C
- Storage temperature: -40 to 85 °C
- Humidity: < 95% at +40 °C, non-condensing

Workstation specifications (NodeView graphical expansion only)

PC with the following minimum system requirements:

- Microsoft 32 or 64-bit Windows 7 or Windows 10 operating system
- Dual core Pentium i5 - 1,8 GHz or higher
- 4 GB of RAM
- 200 GB of hard disk
- 100/1000 Mbps Ethernet LAN
- Two USB 2.0 ports
- Audio capabilities
- Monitor with 1920 x 1080 pixels resolution

Specifications are typical values and subject to change without notice. This document replaces all previous versions; please contact your local Rohill representative for the latest version.