

## R-910 Network Management Station

### General Description

The R-910 Network Management System (NMS) is a PC-based client application for control TetraNode digital trunked radio communications networks. The NMS is a powerful and highly flexible solution for managing a TetraNode network, either from a single site or from different locations.

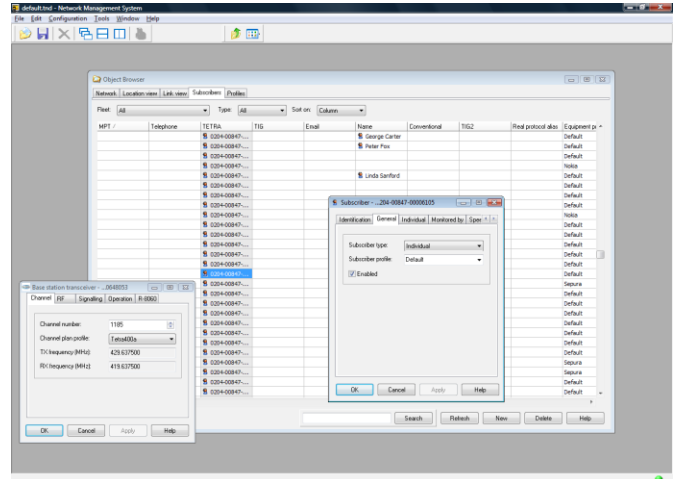
The NMS provides access to the configuration databases, the system, and the database of all subscribers that are authorized to use the system.

Access to the different NMS functions is determined on the basis of access rights and user licenses. It is possible to make certain functions available to specialized personnel only to prevent unauthorized access to certain services.

### Additional Details

The NMS client is a Windows application, designed to run on Microsoft Vista or Windows 7, 8 in 32 and 64 bits.

The NMS is powerful and flexible, yet easy to operate. TetraNode offers fully distributed network management. An unlimited number of NMS clients can access each of the TetraNode eXchanges (TNXs) through the IP network.



### Key Features

- Multi-language support
- Runs on Microsoft Vista or Windows 7 , 8 operating system in 32 and 64 bits
- User-specific definition of access rights with support of typical Virtual Private Networking (VPN) features

## Technical specifications

### Standard workstation features

Pre-installed and configured on a branded PC with the following minimum system requirements:

Microsoft Windows XP, Vista or Windows 7 operating system in 32 or 64 bits

Pentium Core 2 Duo – 1.8 GHz or better

2 GB of RAM

80 GB of hard disk

10/100 Mbps Ethernet LAN

Two USB 2.0 ports

LCD monitor with 1920 x 1080 pixels

### Communication protocols

TCP/IP for lower-layer connectivity

HTTP for client / server access

SNMP for 3rd party application integration

### Physical interconnection

Ethernet LAN, 10 / 100 MBps

Serial interface, PPP

### System Management functions

Browse hardware structure

View parameter settings

Modify parameter settings (modules, protocol stacks)

Establish plug & play profiles

Take interfaces in / out service

### Access protection

- User defined access rights
- NMS username / password entry
- NMS client license

### Fault Management functions

- Hardware failure alarms
- Line failure alarms
- External alarms (sensor inputs, temperature)

## Subscriber Management functions

- Definition of fleets and profiles
- Establish subscriber and mobile station profile(s)
- Add subscriber from profiles
- Modify subscriber parameters
- See current status of subscriber

## Call logging functions

- Real time call log viewing
- File storage of call logs
- Protocol analysis (external application)
- Statistical analysis (external application)
- Billing (external application)

## Ordering specifications

### Deliverable system

- R-910 ( L-910 + S1460 pre-installed )
  - L-910 application & dongle
  - S1460 Rohill standard workstation

### Accessories

- N.A..

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# TetraNode Mission Critical Communications