

Managing your network with Claricor[®] NM Server and Client



Network management is an essential tool for managing and operating a TETRA network. With Claricor[®] Network Management System, operators can monitor and control the entire network over a remote connection. Costly site visits are minimised.

With Claricor NM, operators can

- initialise the entire system
- define the configuration of the network
- download operational software packages
- download configuration data and parameters.



Manage your network

Claricor Network Management system provides easy to use tools for setting up and managing your TETRA network. It consists of Claricor NM Server and one or more Claricor NM Clients. With Claricor NM, operators can configure the network elements, download software upgrades and define the configurations and operational parameters for the network – all this over a remote connection, avoiding costly site visits.



Claricor NM Server

The Claricor Network Management Server is the centralised storage for the TETRA Home and Visitors databases. It also provides tools for fault management, system configuration, subscriber management and security management and provides statistics tools and alarm reporting for managing the performance of the network. The Claricor NM Server is accessed by the Claricor NM Client workstations.



The Claricor NM Server provides:

- Multi-organisation support for Virtual Private Networks
- Home database (HDB)
- Visitors database (VDB)
- TETRA subscribers management
- Security management
- Performance management
- Fault management
- Statistical tools
- SNMP supervision.

Claricor NM Client

The Claricor NM Client workstations provide remote access to the services provided by the the Claricor NM Server. Graphical user interface makes it easy to manage TETRA users, talk groups and TETRA identities.

The Claricor NM Client provides:

- Management of TETRA talk groups and TETRA identities
- Network configuration
- Managing dynamic talk groups via Dynamic Group Number Assignment (DGNA)
- Network statistics including call data records (CDRs)
- Multi-organisation support.

Built-in redundancy and stability

Thanks to the unique distributed architecture of Claricor, all TETRA services rely on the nearest and quickest available source of information on users and mobility.

For Claricor NM Server, a redundant RAID 5 hardware platform can provide fail-safe storage for critical system databases.

And should the Claricor NM Server be temporarily unavailable, TETRA services will continue unaffected, including registrations, calls, cell reselection and supplementary services and encryption. All this is possible with the distributed TETRA over IP architecture.

For further improved reliability, a redundant NM Server can be installed as an option.

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