TetraFlex® Network Management

TetraFlex® Network Management provides a user friendly and highly flexible tool for management, supervision and optimisation of the TetraFlex® Network.

DAMM

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Reliable and effective Network Management

The unique graphical TetraFlex® Network Management (NM) system gives you easy access to configuration and surveillance of the entire network. With the NM you can at any time ensure that the whole network runs correctly to support high reliability and service for network users.

A summarised list of status and alarms are automatically displayed for all nodes in the system ready for detailed analysis.

All node positions are displayed on a map with indication of alarm status. The NM application further allows the backup and update of new SW versions to all nodes in the system in one single process.

Subscriber Register Management

With direct connection to the subscriber register all profiles, subscribers, dispatchers, gateways etc. is maintained directly from the NM.

Radio Network Optimization

A comprehensive network performance logging facility is directly accessed from the NM to review statistical data for system optimisation. Once activated, it will automatically start recording the status of all nodes in the network, such as for traffic load and timeslot distribution without any further configurationally steps.

Flexible and user friendly set-up

The NM can be executed at any location with access to the TetraFlex® IP backbone, either on a separate Windows PC or via remote desktop to any of the BSC's. More users can run multiple instances of the NM simultaneously.

The NM displays a list of the status and alarms of all nodes automatically, and when a new node is attached to the network, it will automatically be recognized and included in the list.
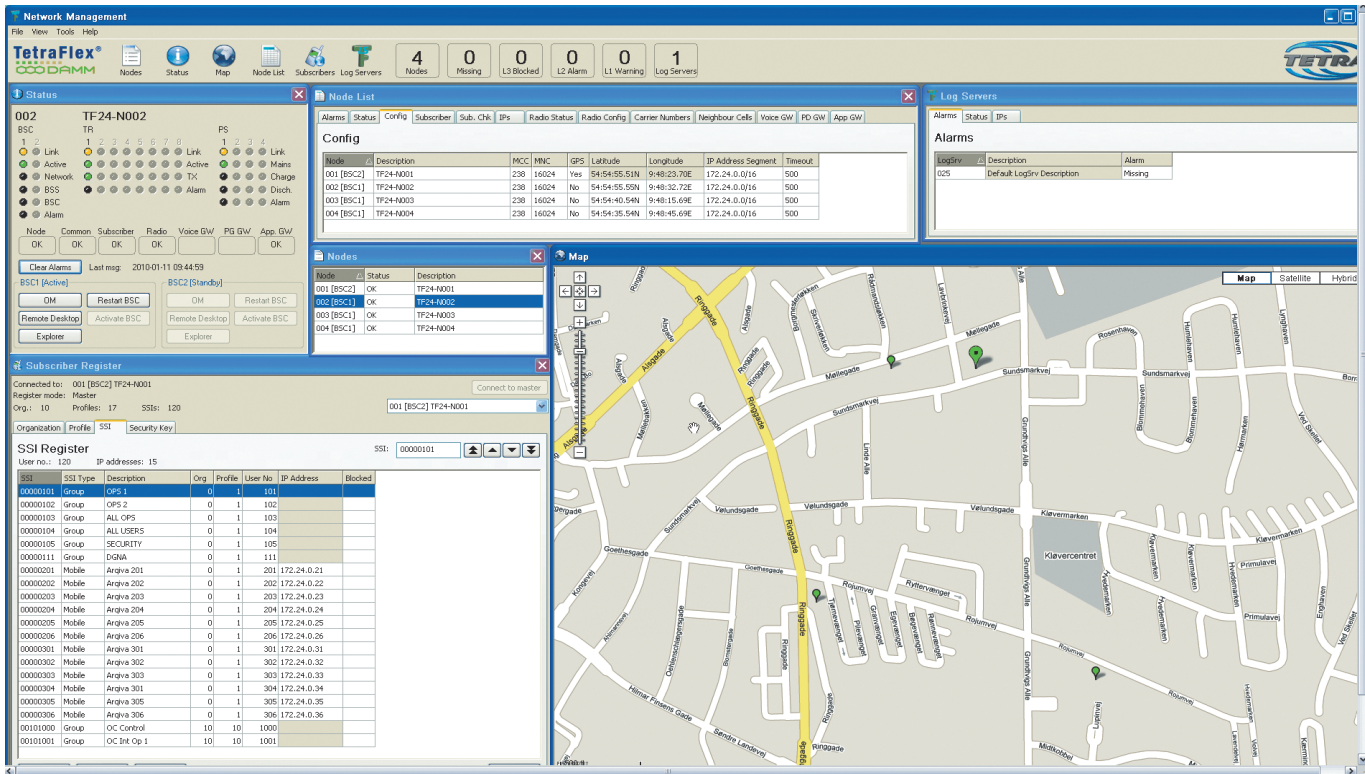
Key Features

- Subscriber profile settings
  - Setup, change and maintenance of subscribers, profiles and multiple organizations in the subscriber register
  - Subscriber encryption and/or authentication settings
  - Groups, nodes and service restriction settings
- Complete configuration options for each individual node
- Manual or automatic configuration of neighbour cells
- Detailed listing of status and alarms for each node in the network
- Instant front notification for fast view of status and alarms
  - Number of nodes
  - Number of missing nodes
  - Number of LogServers
  - Number of level 3 blocking alarms
    Number of level 2 non-blocking alarms
  - Number of level 1 warnings
- Configuration of alarm wave files (sound) for each alarm level (L1, L2, L3)
- Node position displayed on map
- Nodes, map positions and status windows are interlinked for easy overview

- Directly access to any node via TetraOM (Operation and Maintenance), remote desktop and Microsoft Explorer
- Direct access to TetraFlex® Voice and Data Management application
- Access to network performance statistics per node
  - Alarm
  - Timeslot distribution
  - Congestion
  - Voice GW alarm, channels and congestion
  - Packet Data GW alarms
  - Application GW alarms and congestion

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