



Mobitex®
NTE system release R8

NTE R8

Improved supervision & network utilization

Mobitex NTE System Release R8 improves network stability, manageability and utilization of switches in the network.

Intended for both large and small networks, the release includes a number of corrections for improved stability as well as new functionalities and major improvements.

Alternative Network Pathways between Sub-networks for Base Stations

This feature improves the network scalability in both small and large Mobitex networks, and improves the network availability and manageability. It makes it possible to design a flat network architecture, where base stations can use redundant alternative connections to other subnetworks. By utilising a flat network architecture, the efficiency of the switches can be increased and thus the overall number of switches needed in a network is reduced. This is licensed add-on functionality.

Mobitex NMS Client

The NMS Client simplifies the network manageability. It replaces the following NCC client applications; Netreg, Ala, Arm and NCC Authorize.

Increased number of backbone entities

The number of possible backbone entities, i.e. sub-network top-nodes, DRRs etc., is increased from 100 to 150. This improves the network scalability by mak-



ing it possible to split large sub-networks to get flat sub-network architecture.

Node Location Service

The Node Locations Service improves the error handling when traffic is sent between sub-networks over the Mobitex backbone. The Node Location Service is mandatory in Mobitex NTE System Release R8, but is primarily support functionality for “Alternative network pathways between sub-networks for base stations”. The standard NLS is included with basic NTE R8, while redundant NLS is a licensed add-on functionality.