OpenNIS

PDA

Hot new release!

With crews operating across a wide geographic area and performing a range of activities, utilities must optimize field service integration to improve enterprise asset management. *OpenNIS* applications can enable holistic field service management, reducing time-intensive paper-based work by extending back-office functionality to field service technicians, speeding up service and restoration times, balancing work centers, and accurately capturing field data. Mobile asset management and resource scheduling functionalities enable a range of activities including order, notification, inventory, technical object, and business partner and contract management processes.

OpenNIS PDA is a new application for grid utility personnel to define work orders for grid maintenance, and transfer/synchronise them directly from the grid operations application to PDA. Any changes made to the layers on the units are flagged for auditing and indicate which field crew made the changes or additions. It also helps simplify data management on the units so the end-user does not accidentally overwrite data or lose work due to improper file management.

Any feeder coming from a station can be maintained using the *OpenNIS PDA* state registration, synchronization server, PDA client. The synchronization of data can be easily carried out by connecting the mobile device to the server through USB port and synchronizing the data. Any state changes can even be wirelessly synchronized to the server. The *OpenNIS PDA* application supports all connection options that the PDA might have, e.g. GSM, GPRS, EDGE, UMTS, HSDPA or WLAN.

With this solution, walking workers are able to connect to critical information and applications in real-time, enhancing information accuracy and enabling field-based decision-making. Mobile field service automation delivers quantifiable results. For e.g. utilities can gain from 30 to 90 minutes of additional time each day, per field employee and increase productivity by 10-20%. Integration of the *OpenNIS GIS* Grid management and maintenance systems provides a complete solution similar to an ERP solution.

Complete work order execution in the field!

- GIS grid mapping of the desired area
- Real-time GPS tracking / navigation
- Real-time messaging from/to control centre and PDA
- status update of maintenance activity on each and every object through the PDA directly into the Grid database.
- Update administrative and technical datasheets of an object.
- Register new components DTC's/Poles/Tracks etc.
- Associate Materials in the catalogue list with any work order dynamically from PDA.