

## NETx Planning Tool



### Initial Status

Often transmission Planners at Mobile Providers are working in a typical environment where Site information, support data and equipment data are available redundantly in Excel, PowerPoint files and Access data bases. There is no automatic data replication, nor manual data administration.

The administration and update of such information starts becoming very time consuming and complicated leading to diverging databases and hence to inconsistent contents that does not allow an effective and accurate planning. There is a comprehensive evaluation base on non-consistent data.

### Current Status

Providers have chosen the professional Planning Software Solution from ITVision named NETx that delivers them a unique centralized database for transparent and consistent information with complete audit trailed data storage.

Providers have seen a significant leverage in the efficiency of their planning processes.

Planning becomes more accurate, flexible and even faster.

The key benefit of this tool is that it allows planners now to document their telecommunication networks and support their work with Sophisticated functions and information.

These functions and information include and can be summarized to the following:

- Site info
- Equipment info
- Connectivity on all network layers (physical, logical and service layer)
- Planning, based on templates
- Routing and re-routing
- Re-homing
- Parameter generation
- Outage simulation: view affected services
- Access to As-Is network and planning stages
- Work order generation

Planners and managers have the quick capability of making decisions through most current controlling data which they get from reporting and Business Intelligence.

They are informed in advance in case of bottlenecks and aberrations through automatic notification functions.

Work orders can be generated easily and can be tracked automatically through NETx.

NETx became now a key tool used for the everyday planning goals for operational planning but becomes also a significant base for tactical planning of networks and strategic planning of future networks for a 1-3 years period. NETx is used to simulate and plan short term traffic increases or long term planning of technology migration.

Providers have also integrated NETx into 3rd vendor applications for import and export of data from and to NETx. These applications ranges from radio planning tools, asset management tools, Business Intelligence suites, CRM and other inventory software.



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