

DEFENCE

Tactical Communications Tool TCT

When you need to plan and manage a rapidly changing communications network in a high stress environment

TACTICAL COMMUNICATIONS TOOL MAKES YOUR LIFE EASIER.

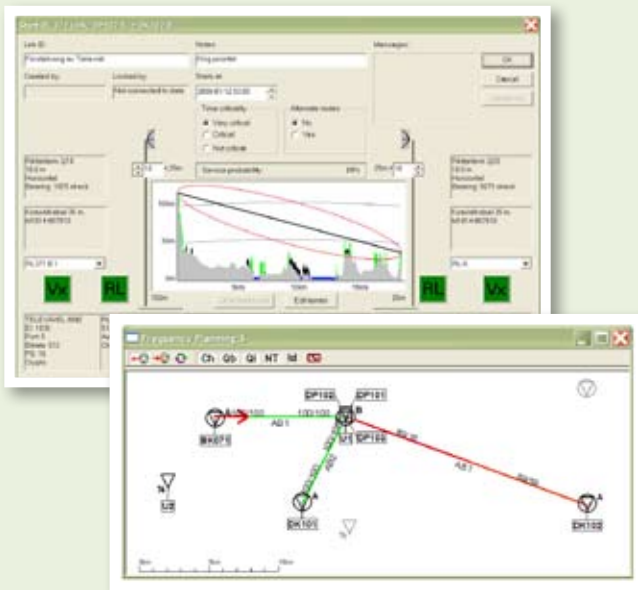
Equipped with a broad range of configurable equipment objects, Tactical Communications Tool will handle the technical details and let you focus on supporting the mission.



Straightforward application • Complex analysis • Coherent results

OVERVIEW OF WRAP AND TCT

WRAP is used for long-term and medium-term frequency planning and radio network planning at central and regional level in the typical hierarchical military spectrum management organisations. TCT is used at local level and Army units for short-term planning of tactical HF/VHF radio communications and microwave networks, with a capability to import frequency tables prepared in WRAP. Network planning data can be exported to WRAP.

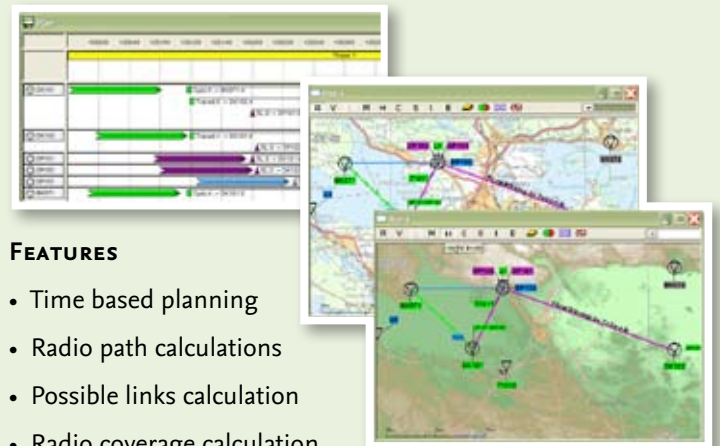


EASE OF USE

TCT is built to support experts in tactical planning. TCT manages technical details in a way that lets the operator focus on solving the tactical problem rather than remembering technical details. Descriptions of available equipment, with all relevant radio parameters, and the nodes that can be used to build the network, can be created by technical experts before the mission. These descriptions are imported to TCT.

TIME BASED PLANNING

Planning a constantly moving network means keeping track of when changes should occur. TCT lets the operator plan each event in the network, such as redeployment of nodes and connection of radio links or other communication equipment. The plan can also be separated in phases and the user can create alternatives to each phase in order to plan for different courses of action.



FEATURES

- Time based planning
- Radio path calculations
- Possible links calculation
- Radio coverage calculation
- Planning of gateway and transit connections
- Configurable equipment
- Frequency conflict calculations for radio links
- Concurrent multi-user planning
- Order creation
- Plan status management
- Equipment status management
- Supports a broad range of geographical data formats

TYPES OF EQUIPMENT

- Analogue VHF and UHF radio
- HF radio
- TETRA
- Fixed frequency digital radio link
- Frequency hopping radio link
- Digital VHF radio
- Point to multipoint radio links