

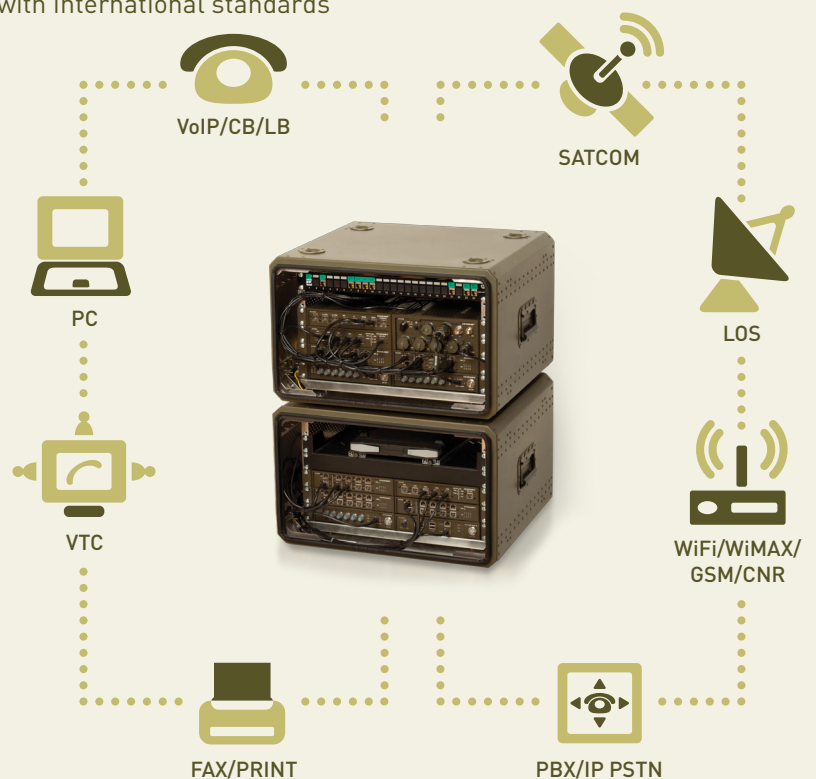
Rapid Deployable Tactical ICT System

- **Independence** from local and long distance static telco infrastructure using a wide range of transmission technologies including satellite communications
- **Flexible** use for different types of crises response scenarios
- **Transportability and deployability**, enabled by small sizes, low weights and self-contained modules
- **Fast setup** for operations
- **Scalability**, supporting extension of the system
- **Modularity and unification** at the level of individual components, modules and transport boxes
- **Open architecture**, enabling expansion of services
- **Simplicity** of the system operation and administration
- **Autonomy of the services management**, independent of a central network management if required
- **Fully distributed system**, enabling an independent operation of any subset of the system
- **Security** provided through standard security tools with an option to integrate specific certified encryption devices (NSA, NATO and EU)
- **Rugged COTS technologies**, can be operated and stored under sever climate conditions
- **Interoperability** provided through compliance with international standards

COMTANET[®] of the second generation provides converged voice, data and video services at deployed, provisional field command posts locations as an alternative to previously corrupted or destroyed ICT infrastructure.

It is an open and modular designed system with services that are expandable and configurable to specific user requirements.

The system can be integrated with any narrowband and wide-band radio technology including means of satellite communication.



SERVICES

USER VOICE AND DATA SERVICES

- IP telephony
- Option to connect analog phones and fax
- Connection to LAN (PoE option)
- Wi-Fi wireless network access
- Automatic voice access for up to 4 radio nets with ability controlling (channel, operation mode, selective dialing, etc.)
- Email
- Office tools, sharing and document management (SharePoint)
- Chat
- File system and data storage
- Portal and web services
- Video-teleconference
- Video display
- Applications of specific information systems

TRANSMISSION SERVICES

- Connection to WAN via metallic (Ethernet, DSL) and optical interfaces
- Interoperability with other voice systems and terminals via 1 x E1, 1 x ISDN BRI, 2 x FXS, 2 x FXO, 2 x LB
- Access to 2G, 3G networks
- Connection to WAN via narrowband and broadband radio systems (Mesh Wi-Fi, Mesh MANET B2R, LOS, Satcom, H/V/UHF CNR, etc.)
- Radio communication by specific requirements

INFORMATION ASSURANCE SERVICES

- VPN
- Firewall
- IDS
- Anti-virus
- Access authentication and authorization

CONTROL AND MANAGEMENT SERVICES

- Services and infrastructure availability control (SNMP)
- Asset management
- Remote management
- Reporting

TECHNICAL SUPPORT AND PROTECTION SERVICES

- Electrical power supply back up
- Data line surge protection
- Power supply surge protection



COMPOSITION

- Network services module (NET)
- Data and voice services module (DVS)
- Wide area network access module (WAN)
- Video teleconference module (VTC)
- Data terminals module (D20)
- Voice terminals module (V20)
- Line-of-sight radio relay module (LOS)
- V/UHF tactical radio communications module (VUHFR)
- HF tactical radio communications module (HFR)
- Deployable broadband communication module (DBCM)
- Electrical power generator module (PWG)
- Option to design and implement modules to specific requirements