BC2A Leader

C2 Solution for Leaders and Dismounted Soldiers

BC2A Leader is a command and control solution designed for leaders and dismounted soldiers operating in an integrated tactical battlespace. It puts the recognized ground picture, alerts, and radio-based data exchange in the hands of the soldier on foot, in a form optimized for high-latency, low-bandwidth tactical radio networks.

Tactical Situation	Missile Weapon System	Radio Gateway
the recognized ground picture over GIS layers — friendly forces, enemy, events and obstacles	integration of the missile weapon system into the tactical C2 environment	standardized data exchange between dismounted elements and the command post

Alerts	Tactical chat	Terrain analysis	Own position update	Automated messages



Key Benefits and Deployment

- Standardized and intuitive set of C2 software tools needed in the tactical battlespace
- Covers all the Recognized Ground Picture requirements for leaders and dismounted soldiers
- Incorporates NATO military symbology, linked to the MIP exchange data model
- NGVA ready
- Local language interface
- Standardized data exchange mechanisms over combat radio networks
- Supports data exchange over any type of IP radio
- Improves and automates the Recognized Ground Picture
- Automates various tasks that take place in the tactical battlespace
- Optimized for high-latency, low-bandwidth tactical radio environments

Technical architecture and components

BC2A Leader — the command and control application itself.

BC2A TNS — Tactical Network Service — network service supporting data exchange over IP-based protocols, for applications working over combat network radio or in a LAN environment.

SOA architecture — a Service Oriented Architecture, ensuring a high level of interoperability between services, as well as flexibility and scalability.

TC2IF — Tactical C2 Integration Framework — the integration framework the solution is developed on top of.

Technical requirements

OPERATING SYSTEM

Microsoft Windows 7, 8, 8.1 and 10

COMMUNICATIONS

Combat network radio environment and LAN/WAN networks

HARDWARE

CPU 1 GHz · memory: minimum 4 GB RAM · hard disk space: minimum 40 GB

Implementation services

Requirements analysis · solution design · integration · installation, configuration and testing · training · customized manuals

Support

User and technical support · custom extension with new functionalities · assistance with participation in interoperability exercises