

RF-6920**C2CE-CNR SITUATIONAL
AWARENESS APPLICATION**

*Command and
control—compact
edition for PDAs with
FALCON II® combat
net radio interface*

Command and control information, at any level of command, can give military forces unprecedented battlefield advantages. But getting this information to the mobile warrior has always presented many problems. With C2CE-CNR and a FALCON II manpack or handheld radio, even the foot-mobile soldier will have complete access to critical command and control information.

Operating on a small handheld PDA-type terminal, C2CE-CNR is a situational awareness tool that has a built-in interface to FALCON II radios. The C2CE-CNR application fully exploits the tactical Internet Protocol (IP) networking and internal Global Positioning System (GPS) capabilities of FALCON II radios. C2CE-CNR users can easily obtain and display correctly geo-referenced friendly, hostile, and unknown units on a digital map. This common view of the battlefield is proven to be a force multiplier and greatly reduces the chance of friendly fire instances.

C2CE-CNR includes the ability to send and receive Variable Message Format (VMF) messages, such as reconnaissance reports and fire control. The application also provides the ability to add overlay information and symbology to a map. Overlays can be transmitted to other users and can include waypoints, tactical and military symbols, points and lines.

C2CE-CNR provides all the land navigation, situational awareness, messaging, and planning tools that a mobile warrior will need to execute the mission.



Specifications for the RF-6920

Application—Position Reporting (Blue Force Tracking)

FALCON II® radios automatically report their GPS positions to a central C2CE-CNR terminal or broadcast to multiple C2CE-CNR terminals. The C2CE-CNR application automatically displays and updates each radio location on a digital geo-referenced map. This force tracking information minimizes response time in crisis situations, helps optimize force deployment, and reduces friendly fire occurrences. Other applications include search and rescue coordination and remote monitoring of logistics operations.

Application—Tactical Command and Control (Common Operational/Tactical Picture)

Building on the Position Reporting system, the C2CE-CNR user can connect to a central C2PC-CNR gateway computer. This computer distributes the position information along with friendly, hostile, and unknown sightings to remote C2CE-CNR users who log into the gateway as needed. This network-centric capability results in a flow of data that provides each remote and mobile user with the most up-to-date and comprehensive battlefield picture ever. The extension of this picture over a network of FALCON II tactical radios means that commanders and soldiers at all echelons will have an unprecedented information advantage on the battlefield.

Application—Mission Planning

With its ability to create and display military map overlays, C2CE-CNR provides an easy-to-use planning tool for all phases of a mission. These overlays are displayed on geo-referenced map or reconnaissance imagery. The overlays are easily edited and can be transmitted to or received from other users.

Minimum PDA Specifications

Windows Mobile 6.0, 400 MHz XScale CPU, 64 MB RAM

Features

- Built-in FALCON II radio interface
- Geo-referenced full color map display
- Integrated, automatic, and seamless GPS position reporting
- Send and receive Variable Message Format messages including call for fire, MEDEVAC, spot report, logistics report, situation report, free text, and emergency re-supply
- Track, add, edit, and delete with military symbol display
- Create, display, transmit, and receive tactical and planning map overlays
- Land navigation tools with locations identified on the map using Lat/Long, UTM, or MGRS formats
- Powerful yet easy to use with a standard Pocket PC graphical user interface

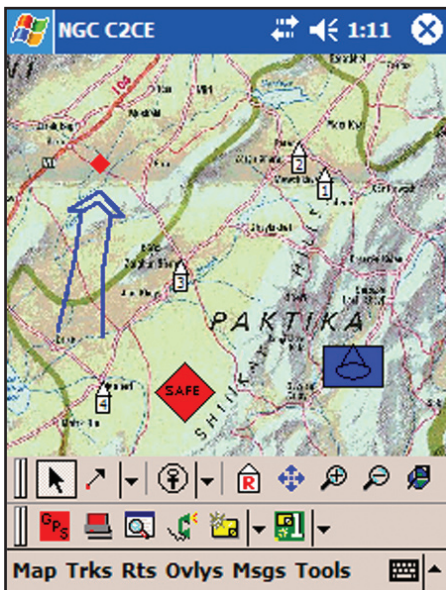
Ordering Information

RF-6920-SW002 C2CE-CNR Software

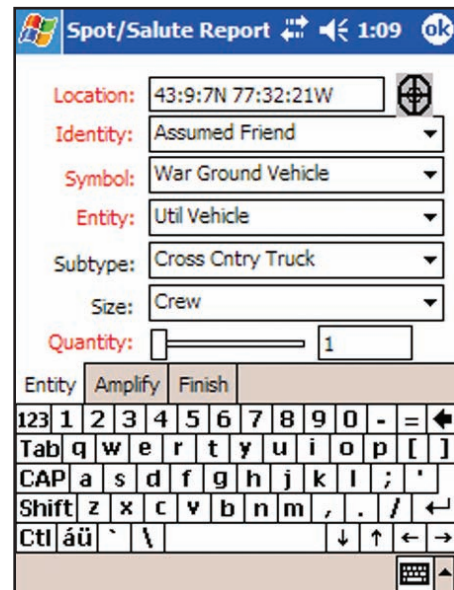
Accessories

RF-3587-CP003 Rugged PDA

RF-6910-SW002 C2PC-CNR



Sample Screens



Note: C2CE-CNR software is licensed from Northrop Grumman Corporation.

NORTHROP GRUMMAN



RF Communications | 1680 University Avenue | Rochester, NY USA 14610
www.harris.com | 1-585-244-5830