

**RF-6910****C2PC-CNR SITUATIONAL****AWARENESS APPLICATION**

*Command and control for*

*PCs with FALCON® II*

*combat net radio interface*

The network-centric combination of C2PC-CNR and FALCON® II radios places the needed command and control information at all levels of command in order to dominate the battlefield. C2PC-CNR, using the built-in FALCON® II radio interface, fully exploits the tactical Internet Protocol (IP) networking and internal Global Positioning System (GPS) capabilities of FALCON® II radios. The C2PC-CNR geo-referenced display provides a shared operational and tactical picture to all command levels through the use of common mapping and military standard track-plot and land force symbology. This common view of the battlefield among friendly forces effectively acts as a force multiplier and greatly reduces the chance of friendly-fire instances. Mission planning and execution are supported with navigational routes and military graphic overlays which can be transmitted to other C2PC-CNR users. Variable Message Format (VMF) messages can be sent or received directly from the C2PC-CNR situational display screen.

C2PC-CNR is easily scalable from a single-station position report monitoring system (Blue Force Tracking) to multi-echelon client-server Common Operational/Tactical Picture (COP/CTP) systems. In addition to its use on the battlefield, C2PC-CNR is a valuable tool for land navigation, search and rescue coordination, logistics control, and exercise monitoring.



### Application – Position Reporting (Blue Force Tracking)

- FALCON® II radios automatically report their GPS positions to a central C2PC-CNR computer or broadcast to multiple C2PC-CNR computers. The C2PC-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 central C2PC-CNR gateway computer distributes the position information along with friendly, hostile, and unknown sightings to remote client 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.

### Minimum PC Specifications

- Microsoft® XP Operating System, 800 MHz CPU speed, 20 GB hard drive and 512 MB RAM

### Features

- Built-in FALCON® II radio interface
- Integrated and automatic GPS position reporting
- Track display and creation using MIL-STD-2525B symbology
- Preformatted Variable Message Format (VMF) messages for all types of military operations
- Wide range of digital map formats accepted – GeoTiff, ADRG, DTED Level 1 & 2, VPF, RPF, BSB, SHAPE, ETOPs
- Land navigation tools and route planning
- Full complement of military overlay graphics
- Audible emergency alerts when used with the RF-5800H radio
- Powerful yet easy to use with a standard Windows graphical user interface
- IP-based communications allows for operation in a wireless FALCON® II radio network or wired networked computing environment

### Ordering Information

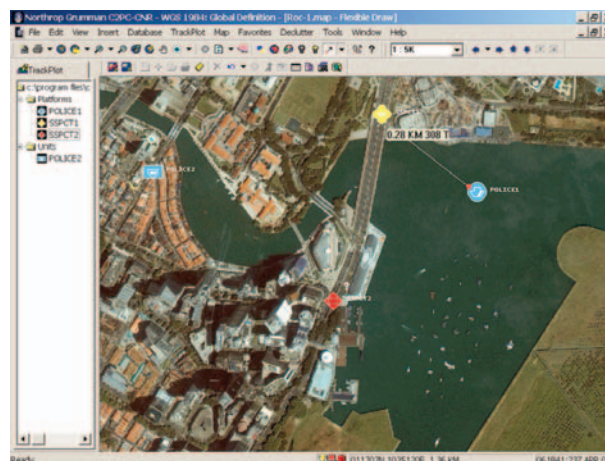
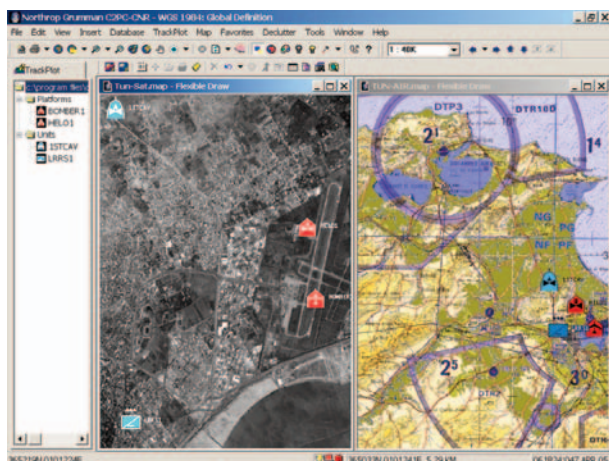
RF-6910-SW002 C2PC-CNR Software

### Accessories

RF-3577 Series of Computers

RF-6920-SW001 C2CE-CNR Software for PDAs

### Sample Screens



Note: C2PC-CNR software is licensed from Northrop Grumman Corporation.

**NORTHROP GRUMMAN**

Specifications are subject to change without notice.

**HARRIS**

assuredcommunications™

RF Communications Division | 1680 University Avenue | Rochester, NY USA 14610  
[www.harris.com](http://www.harris.com) 1-585-244-5830