

Geolocation (Preliminary)

***PC-Based Intelligent
AMPS/TDMA and CDMA
Tracking and Location***

Product Description

Geolocation is a PC-based software application that allows the user to intelligently track and locate targeted AMPS/TDMA or CDMA cellular phones in the 800 and 900 MHz bands. Geolocation consists of software and an external GPS receiver. Geolocation will be offered in two options: an AMPS/TDMA Option to be used in conjunction with the Harris LoggerHead™ Interrogator plus the PC Controller™ and the AmberJack™ DF Antenna; and a CDMA Option to be used in conjunction with the Harris StingRay™ system plus the AmberJack™ DF Antenna.

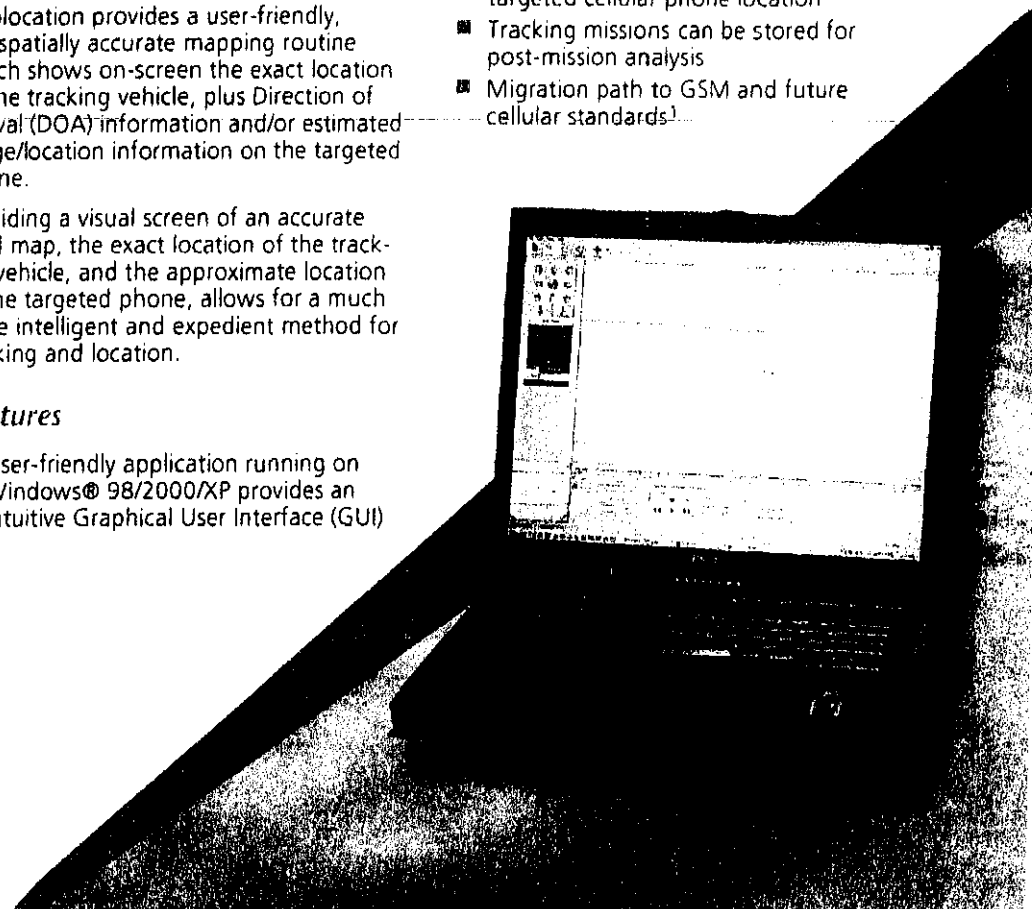
Geolocation provides a user-friendly, geospatially accurate mapping routine which shows on-screen the exact location of the tracking vehicle, plus Direction of Arrival (DOA) information and/or estimated range/location information on the targeted phone.

Providing a visual screen of an accurate local map, the exact location of the tracking vehicle, and the approximate location of the targeted phone, allows for a much more intelligent and expedient method for tracking and location.

Features

- User-friendly application running on Windows® 98/2000/XP provides an intuitive Graphical User Interface (GUI)

- AMPS/TDMA: Interfaces with the LoggerHead™ Handheld Interrogator plus the PC Controller™ and the AmberJack™ Direction-Finding (DF) Antenna
- CDMA: Interfaces with the StingRay™ plus the AmberJack™ Direction-Finding (DF) Antenna
- Provided GPS receiver integrates with PC running the application
- Real-time viewing of tracking vehicle location
- Real-time viewing of approximate targeted cellular phone location
- Tracking missions can be stored for post-mission analysis
- Migration path to GSM and future cellular standards



KingFish™ **(Preliminary)**

*Portable
CDMA Interrogation,
Direction-Finding, and
Collection System*

Product Description

KingFish™ provides investigators with a tool that extracts the telephone number (MIN) and Electronic Serial Number (ESN) from a CDMA mobile telephone. The Active Direction-Finding (DF) capability enables location of a powered-on phone without depending on the suspect to be involved on a call. Additionally, KingFish provides passive Dialed Number Recorder (DNR) and Registration Collection capabilities. Passive operations identify calling patterns and provide information on the suspect's area of operation.

KingFish is based on a Software Defined Radio (SDR) architecture, which enables upgrades to future cellular standards, while preserving the initial investment in hardware. As initially offered, KingFish provides CDMA operation in both the Cellular and PCS bands.

Features

Covert Packaging

- Concealed radio, antennas, and battery power supply
- Wireless remote control from commercially available Pocket PC

Intuitive Application Software

- Windows® interface
- Identifies active CDMA channels and catalogs base station parameters
- Provides real-time display of Interrogation and Passive Collection results
- Dynamically updates received signal strength to enable precise location of a target phone

