

# QUICKTRAC®

Product description



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# QUICKTRAC©

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## QUICKTRAC OVERVIEW

The QuickTrac product represents a complete turnkey portable, automatic data capture (ADC) kit, that is can be user-defined to conform to specific environmental requirements that is usable right out of the box. QuickTrac is intended to be completely independent of any specific enterprise system or back end data repository. The software enables the Operator to define system characteristics, enable automatic data collection and data reconciliation. Information is exchanged through file exchange between the handheld and desktop units and is enabled to support batch or wireless transmissions. Information is automatically exchanged between the fixed reader and the desktop without any user intervention. QuickTrac can be configured to exclude the hardware (referred to as QuickTrac Express) and to include or exclude select software components.

QuickTrac when equipped with Lockwood's Asset Tracker represents a turn-key asset management tool complete with back-end data repository, asset tracking and management business transaction processing capabilities. The Operator is able to store and manage information via Lockwood's Asset Tracker software running on the desktop while using the fixed RFID reader to automatically detect movement and location change and utilize the handheld unit to physically count, verify and reconcile asset tags enabled with both RFID and bar code capability. Included is Lockwood's EventManager©. The EventManager is an intuitive sense and respond module that is able to interpret user-defined events and react to those events in an automated and on a repeatable basis. Using all four tiers (backend Asset Tracker, Fixed RFID reader, portable handheld data collection and automatic event detection) affords the Operator the ability to setup a complete turn-key portable tracking environment quickly, anywhere and upon demand. Information is exchanged through manual up and downloading between the handheld and

## QUICKTRAC CONFIGURATION OPTIONS

✓ *EPC™-compliant, UHF hardware:*

**MC9090** -handheld RFID/Bar code data collection unit

**XR4540** -fixed RFID reader with 2 pair of antennae

**Labels** -UHF Gen 2 passive RFID/Bar code labels

**Laptop** –preloaded with software

**Case** -rugged, weatherproof, rolling Pelican carry case

✓ *MS Windows compatible Software*

**RFID Collector** is a user-definable module for use on EPC™-compliant, UHF, multi-protocol handheld RFID/Bar code enabled data collection unit running Windows Mobile. The Operator is able to:

- Define up to two location fields and up to five general purpose data fields
- Download and apply lookup lists
- Define unique user identification
- Record date and time with each transaction
- Auto-detect RFID tag data
- Scan bar coded information
- Search and locate specific items
- Automatically reconcile existing reference data

**Desktop Integrator** enables the operator to customize data collection activities including; unique operator identification, data fields and to coordinate synchronization activities between the handheld, fixed reader and laptop.

**RFMonitor** represents RFID middleware

**Asset Tracker** is a rules-based, multi-user asset tracking and asset management transaction processing software suite that is compatible with; MS Windows XP and Vista operating systems. Information is maintained in a relational database - SQL Server. The graphical user interface features menu icons point and click navigation, drop-down windows for data selection, context-sensitive help, intuitive on-screen command buttons, online user help guides and organized data entry presentation screens. Built-in intuitive information exchange filters (IEF) accept data imports for many sources and can produce data exports in many formats - flat file, MS Excel, MS Access, XML to name a few.

**EventManager** is designed to monitor for, and react to unexpected *incidents* as well as expected *events*. The EventManager is a rules-based software module, which runs as a system service on the server. Rules contain all the logic necessary for the EventManager to detect and react to an incident or event. A rule is a series of instructions, provided to the EventManager by system users, or external sources.

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## Portable Flow

1. RFID Collector on handheld detects RFID tag
2. Handheld passes data to desktop integrator
3. Desktop exports data to external source



## Stationary Flow

1. Fixed antenna over doorway (or portal) detects RFID tag
2. Antenna passes data to fixed reader
3. Fixed reader transmits data to desktop integrator
4. Desktop data exported to external source

