



# PEOPLE TRACKER

## RFID PEOPLE TRACKING SYSTEM



### SOLUTION OVERVIEW

iQ People Tracker is a robust RFID people tracking solution designed to provide real time zone location of all personnel. Personnel are tagged with an active RFID tag, and fixed RFID readers are used to accurately log times and movements from one zone to another.

### BENEFITS

- Automated time and attendance
- Increased safety
- Increased throughput for high traffic areas
- Mustering visibility
- Improved process efficiency
- Direction detection

### RFID HARDWARE

iQ People Tracker is built with active RFID. The tags are battery powered and work in conjunction with fixed RFID infrastructure. The fixed RFID infrastructure is comprised of an active RFID reader, position marker with mat antenna, on board PC and wireless communication hardware packaged all together into a small IP rated enclosure and external mat. The system accurately determines direction, at high speed, for hundreds of people at a time. It is entirely scalable and there is no limitation on the number of RFID Capture Points.



### PRODUCT FEATURES

- Robust technology designed specifically for personnel tracking applications
- Scalable architecture
- Flexible deployment options to suit any scenario
- Multiple tag form factors
- Long tag battery life with automated battery monitoring
- 3G, solar and active cooling capture point options for deployment in remote harsh environments
- Multiple integration options

iQ People Tracker's most common application areas include:

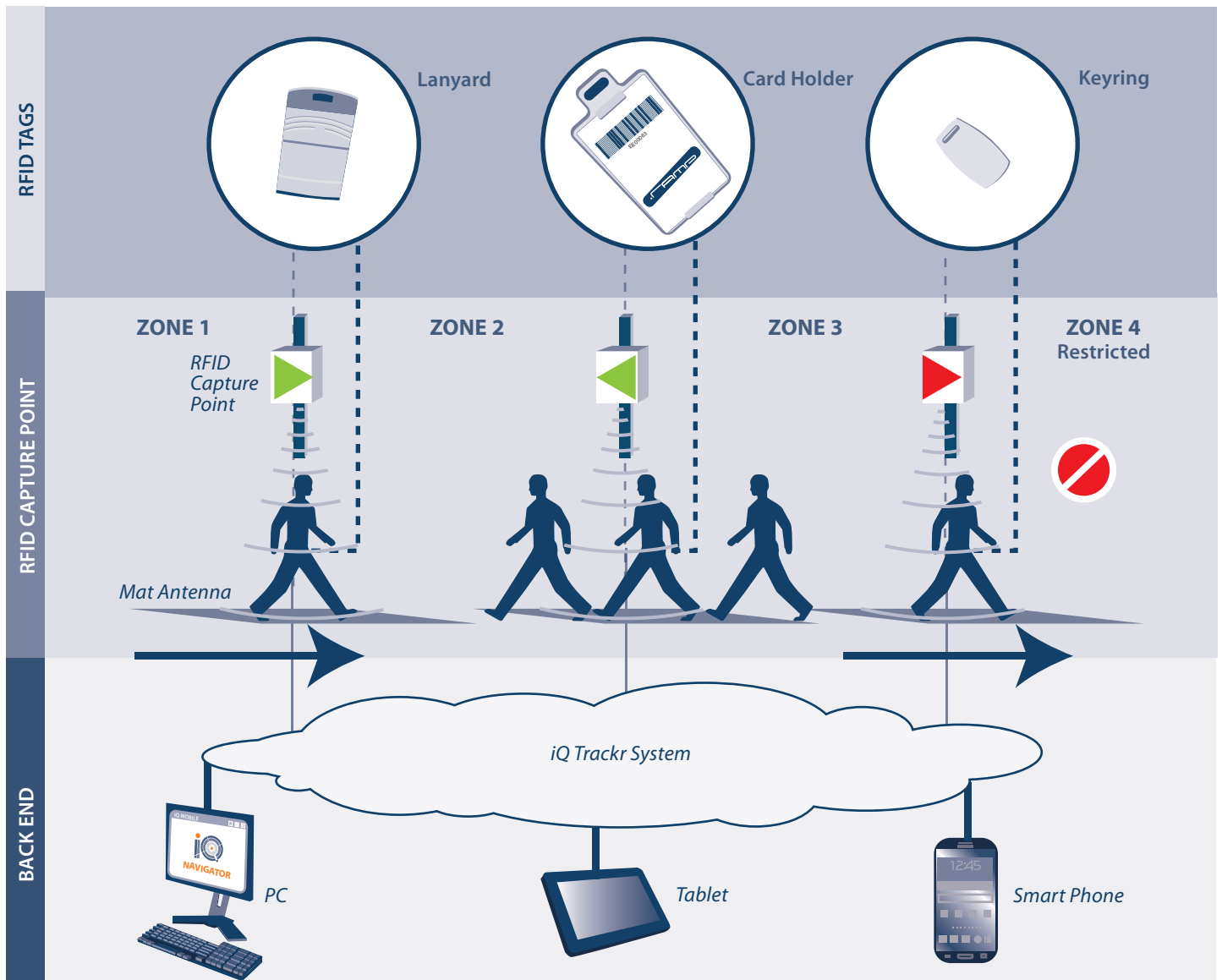
- Mining
- Construction
- Manufacturing
- Ports
- Emergency Services

### RFID TAGS

RFID transponders are available in multiple form factors from ID ruggedized standalone personnel tags, lanyard style tags, clip on tags, or tags that can be embedded in workers clothing e.g. helmets. The tags have an extremely high read range and are small and unobtrusive. They can be easily attached to existing swipe cards and can be ATEX rated.



# SYSTEM ARCHITECTURE



## SOFTWARE

### iQ Trackr

iQ Trackr is the web-based application designed to generate reports based on current and prior events that has occur within the IQ People Tracking system. This intuitive interface allows users to quickly generate a variety of reports, including reports based on live data or statistical summaries based on past events.

iQ Trackr can be hosted on the cloud or in a local network and is accessed through web browsers on internet enabled computers, tablets or mobile phones. Live information from the IQ Tracking System is ported to the iQ Trackr database via 3G Data network, Wi-Fi or Ethernet.

### FEATURES

- Generates a wide variety of detailed reports.
- Sends alerts via email when pre-defined events are triggered.
- iQ Trackr is accessible from computers, tablets and smart phones.
- Integrates your account system or can create, modify and delete user accounts and security levels to protect sensitive information.
- Integrates your data into your backend system.

### ADDITIONAL MODULES

- **Heavy Equipment Auto Shutdown** - Prevent dangerous equipment (e.g. forklifts) from operating if non-authorized personnel are in close proximity
- **Access control** - Capture points with reduced detection range can be used to ensure secure access to restricted areas.
- **Mustering** - Ensure all personnel are at the muster point during site evacuation. Quickly locate personnel who are still in danger.

### INTEGRATION OPTIONS

- SOAP, XML, HTTP + more
- Lights, buzzers
- Turnstiles
- CCTV cameras
- Biometric
- iQ Trackr is scalable and is easily integrated with new zones if the IQ People Tracking system is expanded.