



**Indoor & Outdoor  
Positioning**



## On Premise Employee Tracking

Teldio's RTLS indoor & outdoor positioning solution provides real-time location data throughout corporate facilities and compounds. The solution's rich functionality uses wireless Bluetooth technology to monitor workers indoors while GPS monitoring is used for the outdoors. By combining these two technologies, organizations can optimize efficiency in work flow, improve communication to mobile workers, and ensure the safety of their employees with faster response times. RTLS enables system integrators to create intelligent location-based services such as: emergency response, panic alerting, entrance/exit control, critical area protection, and intelligent lone worker solutions.

**Teldio**



# Indoor Positioning

Locate employees using any always discoverable Bluetooth device, including MOTOTRBO™ radios equipped with Bluetooth technology. RTLS provides real-time location data of radio & any Bluetooth-enabled mobile device users using strategically placed Bluetooth beacons. Beacons have a range of 300 feet (subject to environment). The more beacons installed, the more the precise the location data.



## Comprehensive Positioning

Beacons can be installed throughout the building for full coverage. As the Bluetooth device pairs & un-pairs at known locations, RTLS displays its movements.



## Entrance & Exit Notification

RTLS can be configured to monitor the ins & outs of targeted entrance & exit points. Coupled with ACS, alarm notifications are sent when there is a change in location.



## Critical & Safe Area Protection

When an employee enters or exits a designated zone or floor, RTLS activates the Centralized Lone Worker (CLW) application to ensure their safety.

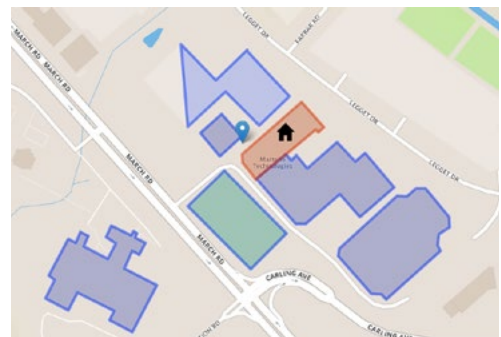


## Locate & Track

- GPS-enabled MOTOTRBO™ radios
- Bluetooth tags
- Bluetooth-enabled mobile devices
- Other discoverable Bluetooth devices

# Outdoor Positioning

RTLS locates employees outdoors via their GPS-enabled MOTOTRBO™ radios. Outdoor areas which require monitoring are configured using customizable GPS geo-fences which can be given logical names such as "Parking Lot" or "Front Entrance". The two-way radio regularly transmits its current position using GPS satellites and passes the information to the RTLS server via the MOTOTRBO™ Radio Network and displays the users' current location whether employees are inside & outside of the pre-determined areas.



**By combining these two technologies, staff & assets are safeguarded no matter their location.**



## Single User Interface

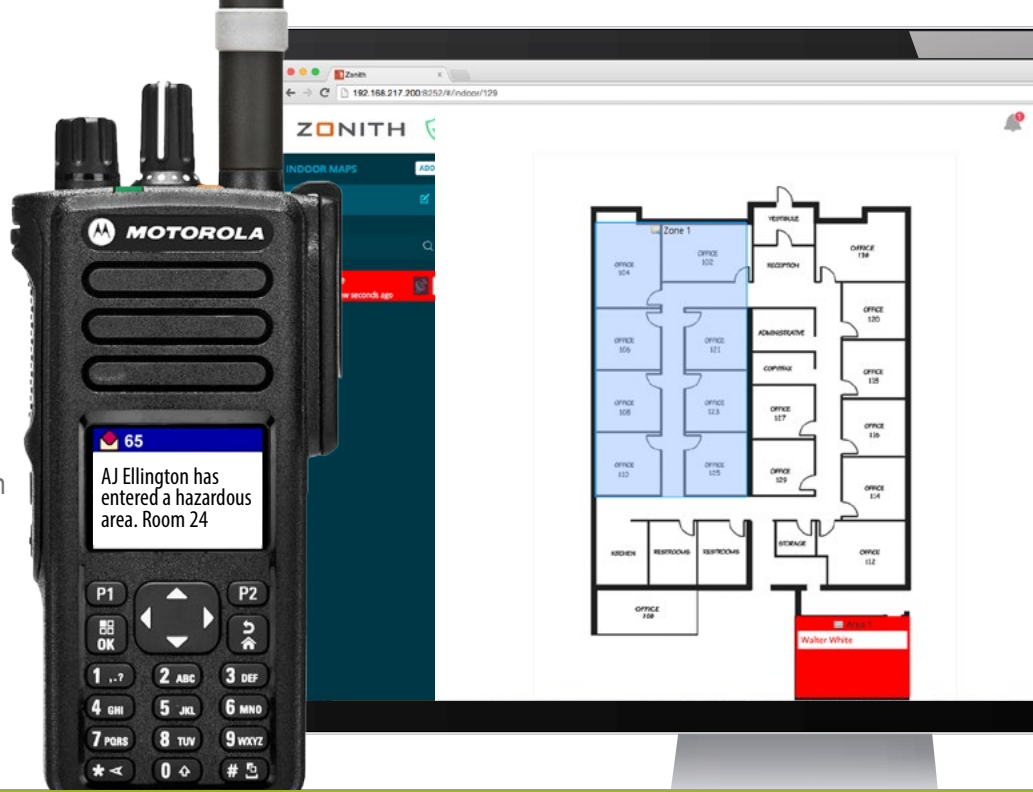
By combining Bluetooth and GPS technology, staff can be located from any position in or around a facility. When leaving the Bluetooth area and going outdoors, staff handsets will seamlessly switch to GPS.

## Quickly Identify Staff

Each device is identified by the user's Radio ID or name & represented on the custom floor plan (indoors) & Open Street Maps (outdoors).

## Administrator Access

The RTLS interface can be accessed through a web browser from any computer or mobile phone. Access is limited to authorized personnel and is password protected.



## Improving Personal Safety with Location Data

# Enhance Worker Safety with Teldio Apps



## Alarm Control System

When paired with Teldio's Alarm Control System (ACS), RTLS can automatically trigger an alarm should an employee or asset enter/exit a predetermined zone. ACS then filters the alarm to the appropriate person based on their location, schedule & competency.



## Centralized Lone Worker

When an employee enters a designated critical zone like the boiler room, RTLS automatically activates the Centralized Lone Worker (CLW) application to ensure their safety & will deactivate when they leave. Should a worker fail to respond to an 'Alive Check' message, an alarm is sent to a supervisor with the employee's last known location.



## Man Down Notifier

Should an employee suffer a fall or accident, their colleagues and/or supervisors are instantly notified of the emergency and employee's last known location on their radios or mobile phones.



## Enhanced Worker Safety

During emergencies, supervisors can account for employees. When paired with Teldio's safety applications MDN & CLW, RTLS ensures the response team is given the distressed employees last-known location, thus decreasing response times.



## Improved Situational Awareness

RTLS allows dispatchers, supervisors and administrators to have up-to-date information on the location of their employees. Better respond to situations and automatically send an alarm or activate CLW when workers enter restricted areas to ensure their safety.



## Increased Productivity

By logging onto the web browser, administrators can better manage their mobile workforce by quickly confirming their whereabouts. Reduce the amount of time searching for workers & dispatch jobs to the nearest person.





Teldio is an established two-way radio applications developer. Working with MOTOTRBO radios since their inception in 2008, they have been awarded Motorola Solutions' highest level of partner status - Platinum. Teldio's solutions help ensure greater employee safety, security, and situational awareness by providing cost-effective telephone interconnect, radio recording, alarm management & notification, lone worker monitoring, positioning and fleet management solutions.



### Feature Rich Apps

Teldio has the most feature rich applications available for MOTOTRBO™ radios. Do more than you ever imagined possible with your radios!



### Easy to Install

Radio networks can be very complex, that's why we strive to have the simplest installation process. Our apps are easier than ever to deploy.



### Scalable Solutions

Once you deploy a Teldio application it's a piece of cake to layer on additional user licenses or complimentary applications to the network.



### Dedicated Support

We pride ourselves on our excellent customer service, and share the philosophy that with premium products must come premium support.

## Get In Touch!

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