



TeQ Shield™ Tracker

TeQ Shield™ Tracker – Ensure real-time tracking, monitoring and social distancing of onsite workers

The Oil and Gas industry consists of some of the most dangerous work environments. The current COVID-19 outbreak makes it even more hazardous with the increased risk of exposure and spread with the number of workers onsite.

How can you ensure that workers maintain sufficient distance between themselves while working? In the event that someone tests positive for the COVID-19 virus, is there a way to track other workers who have come in close contact with the affected person? How do you keep track of all your onsite workers effectively and locate them immediately in an emergency?

TeQ Shield™ Tracker is a family of services that addresses all the challenges above. Since well before the start of the virus, United Safety and its partner, Litum IoT, have been providing RTLS (Real Time Location Services) utilizing a combination of personnel badges and ultra-wide band sensors to identify the location of each person to within a few feet. The underlying software is used to create geofences and business rules with associated badge alerts and reports helping our clients improve both safety and productivity.

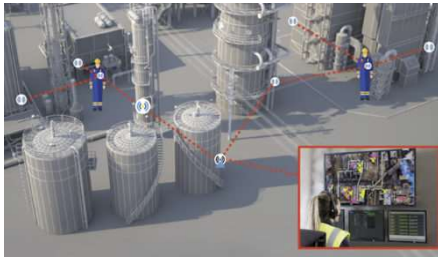
TeQ Shield™ Tracker has a broad range of applications across a number of industries. Key among them is discussed below:

RTLS personnel tracking

One-stop solution for all your personnel tracking and monitoring requirements

Need to keep track of your onsite workers and locate them immediately in an emergency? Do you know your exact mustering count and those left behind? Are workers in the wrong place adding to your safety risk? Do you know exactly how much time your workers are spending in the productive areas? Do you know if they are being productive?

The TeQ Shield™ Tracker is a flexible, scalable, cost-effective and versatile tracking system that can help you solve all of the above challenges. Our Real time Location System (RTLS) leverages instantaneous positioning



technologies: Active Radio-frequency Identification (RFID) or Ultra-Wideband (UWB) for real-time monitoring, tracking, locating and managing your personnel and assets from a central point.

The result? Reduced risk, lower cost and improved productivity.

Maintaining social distance and contact tracing at the worksite

The same RTLS technology is being applied in the current crisis to reduce the risk of the virus spreading through workplaces. Once implemented, it works on two levels. First, it encourages employees to maintain an appropriate social distance from one another, especially when too many employees are congregating closer than a pre-set distance. Second, should an employee be tested positive for the virus, it can identify any others who may have been within six feet of that employee for a specified amount of time within the last 14 days. This contact tracing procedure allows companies to confidentially identify and inform employees who may have been exposed to the infected worker without requiring personally identifiable information.

Maintaining social distance and contact tracing at the worksite



Vehicle Proximity Alert Safety System (VPASS)

Another unique application of the TeQ Shield™ Tracker is its Vehicle Proximity Alert Safety System (VPASS).

The Vehicle Proximity Alert Safety System is designed to provide workers with a warning if they are within a given distance from a vehicle equipped with the system. As a vehicle equipped with the VPASS



approaches a worker equipped with a VPASS enabled tag, the worker tag will alert the tag wearer that the vehicle is in close proximity. This alert is a vibration, sound or combination of both. The alert distance is configurable and can be altered in real time based on the location of the vehicle in the plant.

To ensure enhanced safety of onsite workers, it comes with an improved human-machine interface including forklift collision avoidance, crane exclusion zone control with dynamic geofencing, vehicle and equipment tracking and muster services.

The VPASS can be configured on forklifts, cranes, big trucks and any other vehicles which could pose a potential threat to workers onsite.

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Brochure/Flyer



Presentation

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TeQ Shield™ Aware

TeQ Shield™ Aware is a system designed to raise awareness and aid timely decision-making to prevent potential safety incidents from occurring.

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