COVID-19 Solutions for Healthcare

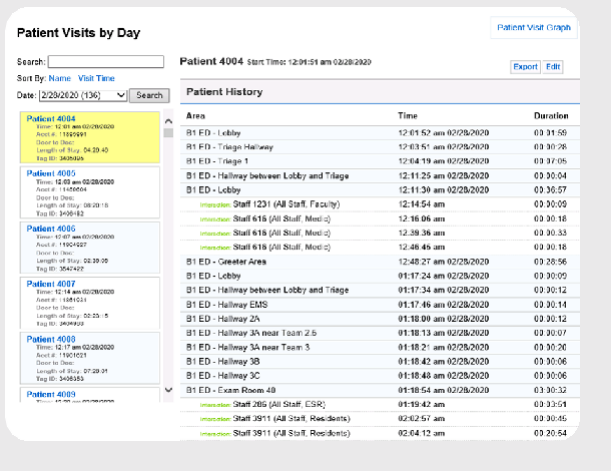
Location services for contact tracing & capacity management - be prepared for patient surge and increased infection risks

With the recent global outbreak of COVID-19 (coronavirus), maintaining infection prevention/control methods in healthcare facilities is vital. Enterprise Locating and Sensing services can enable healthcare providers to more efficiently follow CDC recommendations released for operations during this pandemic.

Contact Tracing

Contact Tracing is a contact history log, based on location, to accurately track interactions with other people and facility equipment. It also allows for faster investigation and reporting of the potential risk when an infected individual enters a medical center, adding an extra layer of defense against the spread of disease.

It provides accurate records of location data for staff, patients, visitors, and assets as well as information regarding interactions among them. Location data includes who made contact and the length of time spent in the respected area. This is important for facilities while controlling the spread of COVID-19 because it will quickly identify only those affected, saving time and resources.



Interactions report with movement history

Patient Capacity Management & ED Workflow

COVID-19 is creating an exponential demand for healthcare resources. Through the use of location data, health facilities can discover ways to eliminate wasted steps and create a more streamlined workflow, particularly in the Emergency Department. Enterprise Location Services, combined with command center and capacity management solutions, can help to optimize staff resources as well as critical medical equipment, and automate patient room and staff assignments to improve patient throughput, reduce wait times and minimize overcrowding throughout the hospital. The system also communicates bed status automatically, allowing EVS to increase room turnover capabilities and allow another patient to be treated swiftly.

Single-Use Patient Tag

Disposable tag used to track, locate, protect and identify a patient in seconds

Asset Tracking/Management

Without adequate asset visibility, turnover and delivery delays of equipment often occur in healthcare facilities. This can lead to hoarding of equipment by staff and non-compliant sterilization practices. With COVID-19 spreading rapidly through surface exposure and contaminated objects, improved asset tracking and management is becoming increasingly important.

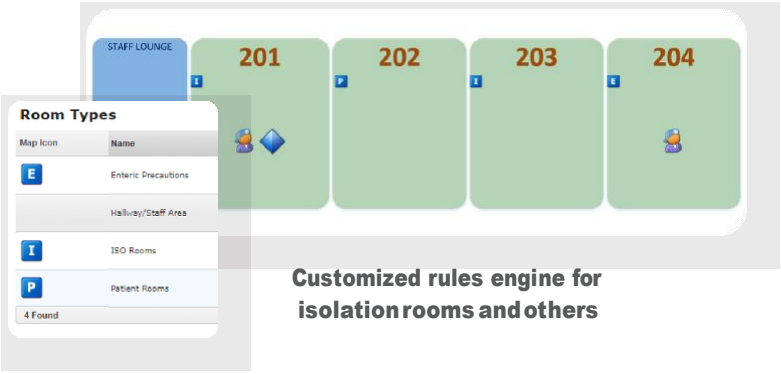
During this pandemic, the ability to locate and manage the use of ventilators and other critical devices could mean the difference between life and death. This technology also allows healthcare facilities to track equipment-to-patient interactions, as well as identify and distinguish which assets are clean and which are soiled, providing real-time alerts if protocols before patient use are not properly followed.

Asset Tag Mini

Hand Hygiene Compliance Monitoring & Reminders

The CDC states proper hand hygiene is one of the most effective practices of any infection prevention strategy. With location monitoring solutions, healthcare organizations can automate the documentation of hand hygiene compliance and noncompliance events, as well as provide staff with real-time hand-washing reminders. Electronic Hand Hygiene Monitoring solutions help to minimize the risk of COVID-19 being spread from patient to staff or vice versa.

Hand hygiene sensors are easily installed in battery-powered dispensers of several manufactures or mounted to manual dispensers, canisters, pumps or sinks. By installing these sensors, staff badges communicate with the monitoring system. This same system can also be leveraged for staff duress and contact tracing of staff with infected individuals based on room assignments.



Customized rules engine for isolation rooms and others

Entrance Rules
A staff member must wash __ seconds before entering or seconds after entering a room to be adherent.
A staff member must remain in the room for at least ____ seconds for this entrance rule to apply.
A staff member must remain out of the room for at least ____ seconds for this entrance rule to apply.

Environmental Monitoring – Differential Air Pressure and Vaccine Storage

Patients with COVID-19 need to be placed in a negative pressure room to prevent respiratory droplets from entering the hospital air supply effecting hospital staff, patients and visitors. Real-time alerts are sent when air pressure measurements are sensed above or below the set parameters. Maintaining proper temperature conditions is also essential to ensure the safe keeping of vaccines or experimental treatments available. Automated environmental monitoring allows staff to take immediate action when storage conditions fall outside of safe temperatures. Additionally, recording and tracking data remotely eliminates the need for manual processes, enabling greater staff efficiency.

Differential Air Pressure Sensor

COVID-19 Solutions for Healthcare

Staff Duress Solutions – Protect critical Personnel

Healthcare workers are doing their best to manage increased demands with limited resources. During this time of increased stress and uncertainty, tensions and frustrations can run high. Just as patient safety is a top priority, the safety of clinical staff and those on the front lines of the COVID-19 pandemic are also at the forefront of hospitals' concerns.

Staff Duress and Panic Alerting solution enables immediate response times with location details during emergencies. In the event a staff member needs assistance or is faced with a threatening situation, the individual can discreetly summon help via simple button-press, pull-cord, pendant pull or fall detection. The solution also integrates with traditional security systems, video management systems, access control, and mass notification systems.

Staff members are provided with peace of mind knowing that they are always protected

Product Portfolio

Patient Tags

Patient Tag Mini | **SecureTag** | **Single-Use Patient Tag** | **31-Day Tags** | **Personal Safety Bracelet**

Asset Tags

DuraTag | **Asset Tag Mini** | **Asset Tag Micro** | **Multi-Mode Asset Tag**

Staff and Duress Badges

Staff Badge | **Duress Badge** | **Man-Down Duress Transmitter** | **Personal ID Badge**

Environmental / Temperature Sensors

Environmental Sensor LCD | **Environmental Sensor**