

Healthcare



Key Benefits

- Saves significant wasted time looking for equipment, files & beds
- Improved efficiency for maintenance
- Increased patient & staff safety
- RFID, 3D and Facial Recognition solutions
- Real-time tracking of assets and vulnerable patients
- Better stock control
- Better utilisation means avoiding the need to purchase new equipment
- Increased confidence in supply of equipment amongst clinical staff
- Increased duty of care for patients
- £100,000s saved by increased efficiency, reduced time wasting & improved security

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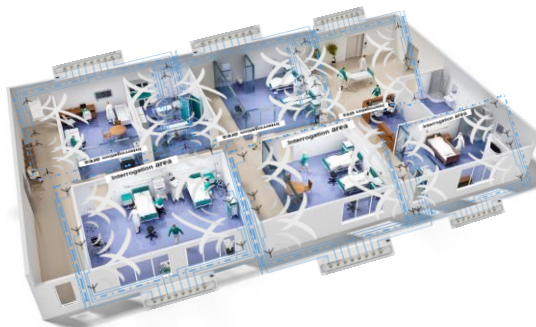


Solutions

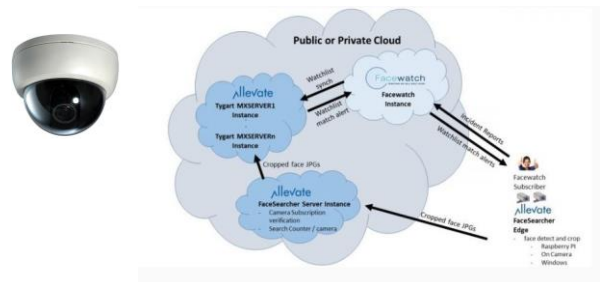
PTS can offer a range of solutions to suit customer requirements through a blend of technologies and a range of local and cloud based solutions

Using unique zoned RFID areas enabling real-time accurate tracking of persons and assets throughout buildings and areas of interest.

Alerts can be raised when a person becomes separated from assets such as beds and equipment as well as in security designated areas such as drugs cabinets, with the added benefits of restricting access to secure areas.



Facial recognition CCTV camera data is ingested and catalogued enabling pre-loaded faces or equipment images from RFID alerts to be added into Watchlists and location results pushed to mobile devices for security personal to view in real-time.



A 3D view of the hospital can be mapped giving staff & security real-time 3D locations of persons and assets on devices.



Real-time monitoring of patients is also available through emotion detection, this enables hospitals to utilise CCTV and strategically positioned cameras.

- Bedside monitoring -Respiratory activity
- Dementia Care
- Accident prevention
- Drug Administering
- Sleep



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Benefits

- Low cost Passive tags used to enable multiple asset and person tracking even down to small items
- Medical teams can see at a glance where equipment was last detected enabling them to locate equipment quickly for patient care or servicing.
- Being able to locate assets quickly with RFID minimises the time technicians spend looking for equipment so more time is being spent carrying out vital tasks.
- Track and locate beds throughout the hospital
- No additional handheld equipment required as constant real-time location available
- Trigger an alarm when a person and bed or equipment become separated
- Real-time patient and staff locations, alarms triggered when patients leave or enter areas, staff located in quick time
- Real-time security and access restrictions to specific areas, cabinets or equipment
- Real-time audit for inventory management, no need to carry out 12 month inventories as required by new government regulations
- Real-time emotion detection monitoring increasing patient care and assisting staff to identify and deal with issues quickly and efficiently

PTS as a Company

PTS (Physical Tracking Systems) has innovative RFID technology from Cambridge University (PervasID) to determine locations of people and their assets – triggering alerts if assets are moved or become separated within zoned environments such as hospitals, crowded places, stadiums and events. The real differentiator PTS has is to bring together complementary solutions, to provide end-to-end surveillance and tracking services using RFID, Facial Recognition, Emotion detection and 3D Imaging location, and can be provided either as an on premise solution or cloud based.

This leading service comprises of a fusion of RFID and world class facial recognition from Alleivate (as used in the Dept of Defence in the US), emotion detection from Qooplar, 3D imaging and tracking from Advanced Laser Imaging, secure accredited platform as used by the Home Office from Sungard Availability Services and an implemented, maintained and Integrated service by CACI.

