

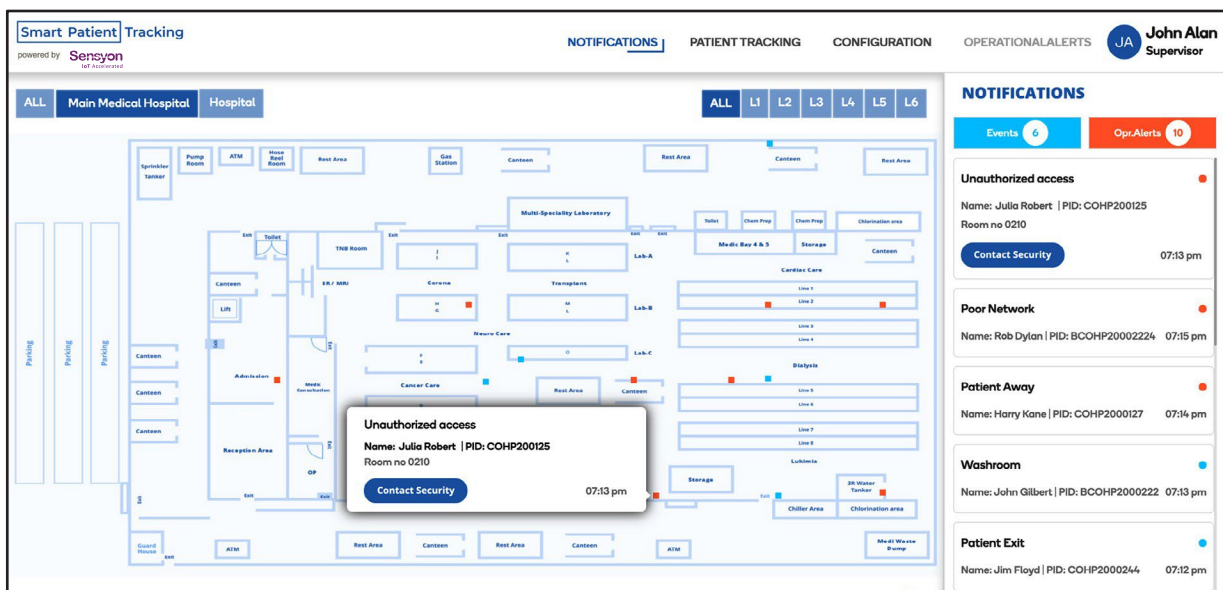
Ready for 5G Connectivity

Sensyon Smart Hospitals empowers hospitals of all sizes to easily upgrade from an older, hard-wired custom IT infrastructure and Wi-Fi to a private 5G-enabled IT or cellular network with greater bandwidth, security, connectivity, and capacity that multiple next-generation IoT devices require. Through our partnership with Qualcomm and other telecom companies, Sensyon provides everything for the transformation to the smart hospital – from the innovative IoT devices themselves to the highly secure digital platform as well as access to our partners' connectivity services.

A Healthier Ecosystem: The Smart and Digitally Connected Hospital

Sensyon Smart Hospitals transforms the hospital ecosystem, from security and safety systems for patients and medical assets, to mobile care team collaboration solutions, and complete building monitoring systems.

- **Hospital Bed Device Monitoring** – Improved patient safety and outcomes are at the core of the smart hospital concept and that requires real-time patient information. Sensyon Smart Hospitals collects and integrates physiologic data from all of the different medical devices that are connected to the patient in the hospital bed – such as oxygen rate, heart rate, blood pressure, glucose levels, IV drip rate, and more. Nurses receive intelligent alerts on any changes to the patient's condition so they can respond with prompt care.
- **Mobile Navigation for a Better Patient Experience** – Sensyon's patient-facing mobile hospital navigation app ensures that outpatients have a minimal touch experience whenever they go for an appointment or procedure at the hospital. From the time they pull into the parking lot, the Sensyon app guides them to the nearest parking lot and space. Once they enter the hospital, the app gives them step-by-step directions directly to the location of their appointment – and even alerts them on how long they will be waiting for the doctor. The result: a seamless, superior patient experience.
- **Patient Tracking** – To increase patient safety, the patient tracking capability of Sensyon Smart Hospitals detects and alerts staff whenever a disoriented dementia patient, or any flight-risk patient, attempts to leave the hospital room or exit the hospital. Additionally, Sensyon's seamless integration with IoT wearables can provide patient data on exercise, sleep patterns, and electrocardiograms to help physicians more quickly diagnose emergent issues and intervene sooner.
- **Asset Monitoring** – Sensyon Smart Hospitals provides a single interface for better visibility, maintenance, control and safety of all medicines and vaccines, as well as the real-time location availability of critical medical assets such as wheelchairs, defibrillators, and more. Smaller than a penny, Sensyon's wireless asset monitoring devices can attach to an EpiPen or small vaccine bottle to constantly monitor the temperature and alert on any changes. For example, Sensyon's solution can monitor the chain of custody of a vaccine all the way from production, to the hospital, to the time it is given to the patient.
- **Smart Facilities** – Beyond the hospital room, Sensyon Smart Hospitals gathers data and provides insights on smart building management. Sensyon leverages transformative technologies such as 5G, artificial intelligence (AI) and IoT to ensure smart energy management, including lighting, power supply, smart meters, HVAC and wireless power. In addition, the solution's vision analytics include smart surveillance through video cameras to detect patient/staff movement, unauthorized access and unidentified object detection.



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- **Remote Patient Monitoring** – Sensyon brings the hospital to the patient’s home. The remote patient monitoring (RPM) feature of Sensyon Smart Hospitals enables physicians to monitor the condition of post-surgery patients at home, resulting in a reduction of the number of hospital readmissions. A pre-programmed 4G-enabled device is used by patients to seamlessly track and transmit their physiologic data to the physician from home medical devices, such as blood pressure cuff, digital weight scale, and glucometer. The physician receives an alert if the patient’s readings are out of range and can act quickly to resolve the issue and avoid a readmission to the hospital.

Smart Benefits Across the Entire Hospital Ecosystem

- Respond faster to patient issues while away from the hospital and improve patient outcomes with anywhere, anytime alerts on the patient’s condition, and instant, contextual collaboration and communication with care teams
- Improve safety and care for dementia and Alzheimer’s patients, and other flight-risk persons, with patient tracking both inside the hospital and outside its walls
- Reduce the number of post-surgical readmissions, improve patient outcomes, and reduce patient’s healthcare costs with remote patient monitoring (RPM)
- Increase safety and patient satisfaction by providing a simple, minimal touch experience for outpatient hospital visits using real-time navigation on a secure mobile app
- Reduce operational costs and improve efficiencies with real-time monitoring of utilities, HVAC systems, security systems, and other facilities-related maintenance tasks
- Create a better, less stressful work environment for nurses and physicians with intelligent alerts from the IoT devices connected to the patient – ensuring that care teams know which alerts to respond to first
- Improve operational efficiencies with asset tracking to ensure the location and availability of costly medical equipment at all times – and protect the viability of vaccines, medicines, and other biologics that require a controlled temperature



About Sensyon

Sensyon delivers a wide range of Internet of Things (IoT) solutions spanning buildings, stadiums, campuses, and even cities. The Sensyon SmartSpaces platform supports solutions for multiple markets, including manufacturing, hospital, agriculture, education, logistics, retail, travel, and construction. By integrating and consolidating data from IoT devices and applications, organizations can gain new insights to improve efficiencies while providing end-users with an engaging digital experience. Sensyon SmartSpaces is an award-winning IoT product suite with over 37 global awards for its IoT products, including Best Technology and Company Innovation of the Year. For more information, please visit www.sensyon.com

For More Information

To learn more about Zyter Smart Hospitals or arrange a product demonstration, please contact +1 (301) 355 7760, hello@sensyon.com or visit www.sensyon.com

