

Tracking Real-time Location and Status of Patients, Assets and Staff at your Hospital to enhance quality of patient care, facilitate staff efficiency, automate management and to increase revenue through patient satisfaction



Monitored Waiting Room



Tracked Asset



Informed Staff







BACKGROUND With the increase of number of patients each year, hospitals worldwide often face problems of under-staffing and rapid depletion of resources. Long waiting time and delay of operations in the hospitals often cause a lot of frustrations for the medical personnel and the patients.

To achieve a better planning for management and deployment of the resources, we understand that there is a need to facilitate working processes more effectively. We create BlueStats to track key performances and monitor statistics in real-time. Immediate notifications will be sent to alert the authorized personnel in cases of discrepancies. BlueStats is an automated tracking system that serves to maximize the usage and minimize wastage of your resources to allow an increase in patient satisfaction in your hospital.

Patient and Staff Flow

Knowing the exact location and status of patients, doctors, availability of rooms and key clinical equipment is critical to improving patient care for greater patient satisfaction, ensuring safety of patients and staff and automating departmental workflow for higher productivity.






 provides the following:

-  Display of room status within a map
-  Automated updates of room cleaning status
-  Tracking of location of critical equipment
-  Actual patient waiting time
-  Actual of patient-staff interaction time
-  Alerts regarding missing equipments and lack of availability

Patients and Staff Safety

Monitoring throughout the hospital, constant tracking of patients and staff and automatic alerting on safety events in real-time are essential for overall safety throughout the hospital.







 provides the following:

-  Alert notifications of staff when patients-at-risk exits the building or anybody entering the restricted area.
-  Live display of tracking and historical paths of wandering patients
-  Alert notifications triggered when patients are in distress or panic
-  Alert notifications with real-time location of staff requiring assistance
-  Detection of staff presence in patient rooms and automate the status light indicators of the Nurse

Asset Management

Automating and optimizing the current manual process of managing capital and rental equipment will help hospitals to attain rapid deployment with the lowest total cost of ownership.








 Switch2Blue provides the following:

-  Alert notifications to inform staff of shortage or surplus of equipment in an area
-  Distribute of assets to rapidly fulfill orders
-  Perform automated inventory counts
-  Help managers assess capital equipment purchasing requirements
-  Facilitate the balance between capital and rental equipment
-  Understand the usage trends and predict future needs

Equipment Maintenance

Automating the labor-intensive manual process of locating equipment throughout the entire hospital encourage better maintenance and higher productivity.

 Switch2Blue provides the following:

-  Improve regulatory compliance through on-time completion of equipment maintenance
-  Increase clinical engineering efficiency and productivity
-  Improve recall management of equipment and punctual equipment maintenance.
-  Display of location of equipment requiring preventive maintenance on the map
-  Complete views to enable an at-a-glance perspective of distribution of assets for optimized planning
-  Generate reports to understand location and status of equipment requiring preventive maintenance.
-  Alert notifications are triggered whenever discrepancies are found

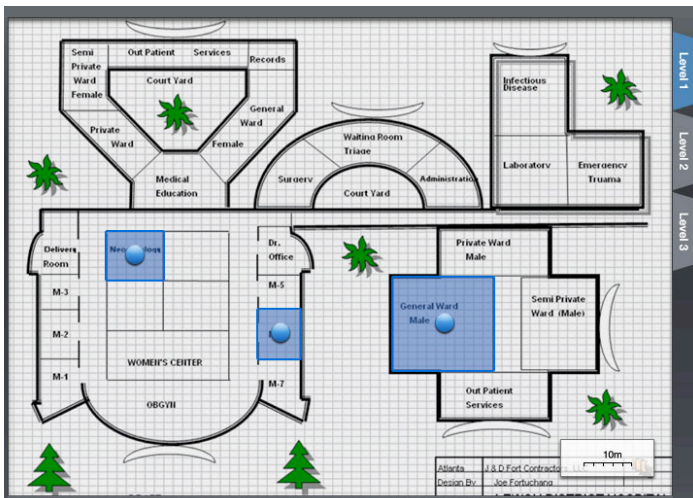


Figure 1: Tracking in real-time

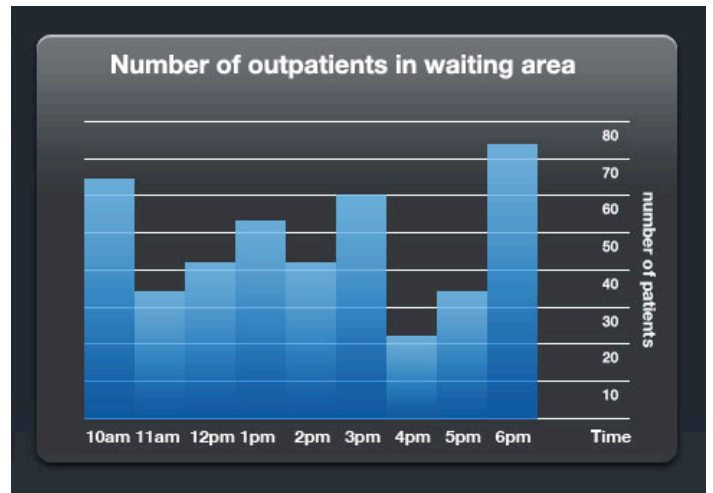


Figure 2: Reports generated



Figure 3: Inpatient bangle with alert notifications

How does it work

The core technology of our tracking system leverages on the Bluetooth technology. Anybody who wears or any asset that carries the Bluetooth tags would be detected by the sensors in the Bluetooth detection zones throughout the hospital. This information is then sent to the BlueStats internal system. A person's location and path of movements can be seen from the BlueStats panel in real-time. Using the cloud database, all information will be also managed and saved in the BlueStats's database. Immediate alerts from the bangle will be sent to and from the system (see Figure 3).