



## HealthCare Patient Management

“ Patient experience and automation is key success factors in Healthcare ”

Jack Welch

**Intelli** **stride**

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## Challenge

Nobody likes to wait, especially in an hospital the more the visitors, clients & patients are made to wait, the more their anxiety levels go up for no reason. Unfortunately, unlike other verticals it is difficult to predict the wait time in OPD in hospitals because

each case is different and requires different approach.

However, if an automated solution is available to replace common tasks like manually verifying the patient information, guiding the patient to the right consultation rooms, labs, X-ray rooms, washrooms, ensuring the pathogen samples are not mixed up, the wait time can be reduced drastically.

## Background

In the contemporary technological implementations done at healthcare institutions includes the usage of passive and some in some cases active RFID technology to track patients as well as staffs throughout the hospitals. One of the advantages of using RFID in for tracking patients is the availability of the RFID passive transponders (RFID tags) in a variety of form factors to choose from.

Among them the wristband passive RFID tag is the most preferred and recommended form factor because of its simplicity.

Thanks to the increasing popularity & awareness of RFID, most organisations would love to have this implemented for their clients (patients).

## ABOUT US

IntelliStride offers end-to-end IoT solutions to the automotive, manufacturing, retail, healthcare, transport and logistics sectors such as Asset Management, Supply Chain Automation, Work-in-Process / Kanban, Yard management, RLTS and object tracking, Track and trace, Fleet management, Maintenance, Electronic toll collect, Parking management, and more.

**Our Solution Specialists are available to discussed your plans and realize your vision.**

## SOLUTION

Each patient is provided with a passive RFID wrist band up on registration.

When a patient walks from one zone to another zone, the location, arrival time and departure time are recorded.

This makes the job easier for the hospital staff in the following:

- Verification of patient details

The staff can verify the patient information quickly by using a handheld RFID scanner just to ensure they are interacting with the right person.

- Reduce wait times and bottlenecks

The patients can be notified approximately what time they will be called. This helps them to manage their time better & also it is one way of keeping them engaged.

- To locate patients

It is a tough task for the staff to locate the patients if they are lost in large areas. Using the recorded movements of RFID tag the staff can precisely know the location of the patient.

- Increase the safety of the patients

By ensuring all the patients are provided with RFID wrist bans the security staff can easily differentiate the patient and other persons from the crowd.