



# PPID360<sup>®</sup>

Positive Patient Identification

No more misidentification of Patients

Wristband Versioning

Ensuring Patients are Positively Identified

Up-to-date Patient Wristband Data

Easy-to-use web based system

Root Cause Analysis and Who did What and When

## Introduction

Dorset County Hospital was established in 1991. The new hospital, just outside Dorchester town centre, was completed in 1997. The Trust was awarded Foundation Trust status in June 2007.

This busy, modern hospital has approximately 400 beds and provides a full range of district general services, including an accident and emergency department, and links with satellite units in five community hospitals.

They are the main provider of acute hospital services to a population of around 250,000. They have over 2,000 people working at Dorset County Hospital and the satellite community hospitals.

## Challenge

Dorset County Hospital NHS Foundation Trust ("Dorset"), like many other organisations providing Healthcare, want the ability to know who they are treating and to feel confident that mistakes are not occurring.

The Trust wanted a software tracking solution that would ensure that all their Patients are positively Identified as soon as they enter the hospital and continue to be positively identified as they travel through their healthcare journey until they are discharged.

In procuring a software system the Trust had to carefully consider the following factors:

1. The Department of Health's list of never events (a list of "must never happen to a patient" whilst you are in Hospital) stipulates that a Patient must never be misidentified as another Patient.
2. The Trust wanted a Positive Patient Identification solution to replace the plethora of Patient Identification Barcodes all over the Hospital.
3. The Trust needed to be sure they were not Positively Identifying a Casenote file or a label on a blood unit in error rather than the Patient's wristband.
4. The Trust did not want to incur the cost of replacing their existing varied range of wristband printers. They needed a solution that would utilise their existing printers regardless of make or model.

## Solution

MSoft's PPID360 is the latest generation of systems providing Positive Patient Identification into healthcare institutions. PPID360 ensures the Patient is positively Identified as soon as they enter the healthcare establishment and continue to be positively identified as they travel through their healthcare journey until they are discharged.

The solution is an easy to use web based system which integrates seamlessly into the many different and sometimes complex healthcare systems containing Patient information. The system allows members of staff to query complex Patient Administration/Management Systems (PAS/ PMS) and print a unique identifier for the Patient. This unique identifier could be a traditional Patient wristband, theatre patient label or RFID bracelet.

PPID360 integrates seamlessly with the PAS and provides a "final mile" solution for printing wristbands and Patient identifiers into every area within a Hospital. Because it queries the PAS in real-time, means PPID360 has the most up to date information about a specified Patient. A hospital does not have to invest in new printers for PPID360 to work. The solution can utilise the hospital's existing wristband printers.

## Next Steps

Dorset County Hospital NHS Foundation Trust has also purchased Bloodhound Fridge lockdown, Bloodhound Bedside and Sample360. PPID360 was the first of these to be implemented.

Why? Because PPID360 is built into the DNA of Bloodhound, Blood360, Sample360, Vital360 and many of MSoft's other products requiring Patient identification. Each of these systems will check Patient Identity with PPID360 before performing a task.



## Results

1. Dorset now have the ability to Positively Identify the Patients they are treating and they feel confident that a mistake will not occur.
2. PPID360 helps make the Trust fully compliant with the UK's Department of Health "Never Event" regulation stipulating that "Patients must never be misidentified as another Patient".
3. The Trust feels confident that Patient identification is coming from the Patients wristband and not barcodes or other Identifiers on Casenote files or a label on a blood Unit.
4. All of Dorset's various makes and models of existing wristband printers are still being used and no additional hardware cost was incurred.



## Project Implementation

To implement PPID360 into Dorset an HL7 interface was required and the PPID360 application needed to be installed into the hospital infrastructure.

Dorset's wristband design also need to be updated, which was easy to change. Each of the wristband designs were stored in a Database with placeholders for the Patient data. PPID360 simply updated the new design. Subsequent changes to wristband design do not require a new install of the software.

The PPID360 project started on 17th March 2015 and it went live 41 working days later on 6th May 2015 taking less than 2 months to implement, with only three days on site to install and 1 day for SuperUser training. The SuperUsers then cascaded the training to hundreds of people within the Trust.

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