

The SATO healthcare solution has all the components to meet the unique identification and labelling needs of the industry: wide range of environmentally-safe thermal printers to match any application requirement; labels, tags and wristbands solutions specially designed for healthcare applications including custom labelling and design; scanning equipment and verification systems, for efficient, accurate data collection; software and applications that enable easy integration into healthcare information systems.



POSITIVE PATIENT IDENTIFICATION

SOLUTION TO HELP DELIVER THE RIGHT MEDICATION TO THE RIGHT PATIENT AND AT THE RIGHT TIME



SATO FAILSAFE COLOUR FASTENERS™

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The SATO Healthcare Solution Delivers on the 5 Rights of Effective Patient Care

The SATO healthcare solution is based on absolute positive identification of patients, medications, specimens and samples, treatments, lab results, and records. Positive identification starts with the SATO wristbands, which enable virtually every application requirement to collect and track patient information, and help avoid medical errors, improve hospital operations' efficiency and reduce costs.

AREAS OF APPLICATION

Admission, Discharge & Transfer

At the point of patient registration or admission, a patient wristband is printed with human readable information and barcodes, which can be embedded with any number of patient's unique identifiers. The use of barcode technology on patient wristbands enable BPOC (barcode point of care) systems, to ensure proper patient identification is verified before administering medications, processing diagnostic procedures or simply transporting the patient to another part of the hospital. Additionally, barcoding may be employed to create easily tracked print-on-demand forms at the point of registration, such as patient face sheets, consent forms and living will documents.

The SATO printers can interface with virtually any HIS or admission system to print wristbands on demand at the time of admission, as well as integrate seamlessly with hospitals' Admission, Discharge & Transfer (ADT) applications for easy-to-manage implementation.



Specimen Labelling & Tracking, Blood Products Management

Blood and other samples that are matched to wrong patients pose a serious risk to patient safety leading to misdiagnosis and inappropriate treatment. The specimen labelling application ties to the barcoded wristband, which provides easy-to-verify identification information such as human-readable patient name and medical record number.

Blood Transfusion – Transfusion errors arise often from either misidentifying patients when collecting samples for testing, or incorrectly matching patient and blood just before transfusion. The SATO Healthcare Solution confirms the match, and enables donor-recipient tracking when used in conjunction with a secure blood fridge release system.



Phlebotomy Sample labelling – labels are appropriately marked, and date coded to prevent sample identification errors. The SATO Phlebotomy labelling application has security features that automatically erase patient label data immediately after printing so that the next set of labels requires the input of new patient data. The label designs fit most standard blood specimen tubes, and is composed of materials designed to withstand cold storage temperatures, up to -40 degrees and rapid thawing in a centrifuge.

Histopathology Labelling - The SATO slide labels are stain-resistant to ensure the integrity of the identification information related to the tissue samples. At the microtomy station all slide labels for a particular block's stain orders from the Laboratory Information Systems (LIS) are reprinted. Each block is positively identified and slides definitively labelled prior to staining; it reduces the amount of time spent manually labelling the slides, and eliminates the need to cross match slides with labels, the latter being a major source of misidentification with costly consequences.



Medication Administration

The patient wristband provides positive patient identification, and validation that the appropriate care is being provided to the right patient. In the process of medication administration, the nurse follows the physician's prescription, delivers the medication to the patient and documents this administration in the medical record. It is possible that the patient receives the prescribed medication at the wrong time, is given the wrong dose or does not receive the treatment at all.

With the SATO Healthcare solution, the nurses scan the barcodes on their own ID badges, SATO patient wristbands, and medication-specific unit-dose labels prior to dispensation. This is to ensure there is a correct match between patient and medication, while also identifying and rendering accountable the healthcare professional administering the medication.



Bedside Labelling

Appropriately labelling the sample collection container using the SATO mobile printing solution in the presence of the patient greatly improves patient safety. Clinical processes are subject to human errors, and the SATO barcode point of care provides critical double checks to ensure patient safety. Applications include: Medication administration verification; Blood transfusion verification; Laboratory specimen identification; Respiratory therapy treatment (at the bedside); Dietary Management.

Barcode technology on the patient's wristband allows access and display of the patient's medication record to authorized personnel, including treatment ordered by the physician and transcribed by the pharmacist. Every step in the clinical process is double checked to eliminate the human error factor for patient safety.



ABOUT SATO WRISTBANDS

Two types of SATO wristbands are available: Thermal Transfer and Direct Thermal. Thermal Transfer wristbands come in two variations: standard and soft. The soft version is made of materials tested to prevent skin irritation and infection.

SATO offers adult as well as neo-natal wristbands, the latter specially designed to be comfortably worn by newborns and meet all necessary privacy and security requirements.

BENEFITS OF SATO HEALTHCARE SOLUTION

- SATO products support healthcare organizational IT standards for networking, connectivity, and security.
- SATO printers are environmentally-safe: products with proven anti-microbial features; labels and wristbands are tested to withstand environmental challenges, from contact with body fluids, blood, xylene, virtually every kind of chemicals and water, as well as extreme cold and heat.
- SATO printers can print compliant standardized barcode symbologies and data formats.
- SATO's extensive experience in using thermal printers for various barcode labelling applications.