

Patient Identification

GS1 Certified Solution for Wristband Printing

GS1 Wristband APPL



The global language of business

GS1, recommended by the Department of Health and the National Patient Safety Agency, for standards that help hospitals keep patients safe.

Why use GS1 standards?

The GS1 System is an integrated set of global standards that enable organisations to uniquely and accurately identify products, assets, locations or service types using bar codes and other data carriers. Therefore, they help organisations to communicate information between each other securely. Our system is the most widely used set of standards of its kind in the world.

When the healthcare supply chain is more responsive, efficient and accurate, it reduces errors, process time and cost. It also enables healthcare professionals to provide an even higher quality of patient care.

How can GS1 standards make patients safer?

- they prevent administration and prescription errors
- medicines can be dispensed more quickly
- information can be recorded after scanning at the point of use
- medicines can be better managed
- there are fewer adverse events and critical errors
- medicines can be more easily traced which allow you to check authenticity for product recalls
- order processing and receipt is simpler and more accurate

GS1 standards differ from others you may have come across because they are:

- open and compatible
- used globally
- proven and tested
- simple to use

Patient Identification

“Coding for success” Automatic Identity and Data Capture programme within the National Health Service.

Reference; 2010/2011 GS1 Healthcare Reference Book

“A study carried out at Charing Cross hospital, as part of Coding for Success found that patient ID checks were only being undertaken 17% of the time. When bar-coded wrist bands were implemented they were checked 81% of the time”

Through simply issuing a unique NHS Number, bar-coded wristband to every in-patient in a hospital, we can greatly increase the positive identification of patients before, during and after care. The unique nature of this NHS CFH identifier also enables cross referencing to treatment and ensures direct access to patient records.

NHS CFH has been working with the National Patient Safety Agency (NPSA) and GS1 UK to have Safer Practice Notice (SPN) No. 24 published to try to ensure that the benefits associated with bar-coded wristbands. This stated that, by September 18th 2009, all Trusts should have taken action towards using the NHS number bar code on patient wristbands.

The NPSA Safer Practice Notice No. 24 (3 July 07) ‘Standardizing wristbands improves patient safety’ can be found at www.npsa.nhs.uk/nrls/alerts-and-directives/notices/wristbands.

The standard for encoding the NHS number is ratified by the Information Standards Board and backed by NPSA Chief Executive Officer, Martin Fletcher.

Through working with the NPSA, DH and ISB agencies and the NHS Number programme, holding workshops and collaborating with the procurement hubs and the OGC, we have enabled widespread adoption of wristband technologies.

Since the publication of SPN 24, the Information Standards Board for the NHS has also published guidance that all Trusts must be compliant with the SPN24 guidelines by June 2011, this has led to an increase in adoption by trusts.

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Certified
Solution

Newbury Data's GS1 Certified Wristband printing application is known as "GS1 Wristband APPL". (Alternative Printer Programming Language).

APPL's provide a fast and efficient method of implementing the introduction or convergence of barcode printing applications from any healthcare system. The GS1 Wristband APPL provides a cost effective method of introducing GS1 Datamatrix 2D and or GS1 128 1D barcodes into new or existing wristband formats.

About Alternative Printer Programming Languages (APPL's)

As manufacturer of printers since 1974, Newbury Data's superior knowledge of printer programming languages guarantee our clients receive the most sophisticated and reliable software printing solutions.

Newbury Data design/re-design and support new or existing legacy applications using internal printer software known as an Alternative Printer Programming Language ("APPL"). APPL's control and interpret text and bar code data from peripherals and non-compatible printer programming languages to be able to use alternative printer technologies as well as alternative manufacturer printers.

APPL will benefit customers who want to:

- convert existing data streams to support alternative technology printers
- convert existing data stream to print new compliance barcodes
- convert existing text data streams to text and bar code data streams
- identify and print according to installed media (HC100)

APPL Cost benefits

- no costly software re-works
- no system re-design
- no additional purchase and training for new software programs

More than 60 UK hospitals are now benefiting from APPL software solutions



GS1 Wristband APPL's

Core Features

- Converts print output from existing systems without the need for expensive host applications changes
- No new software to learn
- Meets SPN24 and AN0907 notices
- Print GS1 compliant barcodes on Adult , Child or Infant wristbands
- Print directly on wristbands or labels
- Print using desktop or mobile printers

APPL's are available for the following printer manufacturers

- Citizen
- Intermec
- Toshiba
- Zebra

Recommended Printer



Zebra HC100

Adult, Child, &
Infant Patient ID
Wristband Printer

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