

## Application Brief

# Medical Wristbands

### Industry

Healthcare

### Products

INband Wristband  
PF8  
PC41

### Region

North America

### Typical Applications

Patient identification

### Benefits

- Positive patient identification that helps reduce medical errors
- Ease of application
- High image durability - designed to survive typical exposures in healthcare environment
- Lightweight, flexible construction that ensures patient comfort



### Industry Need

Effective patient care is predicated on accuracy, but human error is exceptionally difficult to eliminate in the inherently high-touch medical environment. To address this, barcodes and automatic ID technologies are being used increasingly across a wide range of medical practices. Patient wristbands are one common application area. Intermec patient wristbands ensure positive identification for integration with verification systems for medication, samples, and surgical procedures.

The five rights of medication safety (right patient, right drug, right time, right dose, right route) provide an important framework for verification of pharmaceutical administration, but commonly rely on manual human checks. Integration of positive patient ID with barcode wristbands provides a highly reliable adjunct to eliminate human error. With increasing implementation of patient electronic medical record (EMR), scanning the wristband can trigger caregiver notification of allergies or other special requirements.

The Joint Commission on Accreditation of Healthcare Organizations (JCAHO) has made improving the accuracy of patient identification a high priority, and it remains the number one goal in the pre-release version of the 2010 National Patient Safety Goals (NPSGs) for hospitals. Recognizing the accuracy enhancements of auto ID technologies, bar code verification is specifically cited as an acceptable alternative to resource-intensive two-person verification required for administration of blood products.

### Reference Links

JCAHO 2010 National Patient Safety Goals

<http://www.jointcommission.org/PatientSafety/NationalPatientSafetyGoals/>

### Intermec Solution

Intermec INband wristbands provide the positive identification hospitals need for maximum patient safety. Excellent print quality ensures both standard and 2D bar codes will be scanned accurately. Durable topcoating provides high resistance to soaps, hand sanitizers, moisture, and other conditions commonly encountered in the hospital environment. Flexible and lightweight, the Intermec band is easy to apply, minimizing the curl that may be experienced with other products. High tensile strength film and a high-shear adhesive closure securely affix the band in place for the duration of the patient stay. A robust tamper-evident closure feature protects the integrity of the patient identification system.

Direct thermal technology delivers mission-critical printing system reliability while providing straightforward compliance with HIPAA regulations for security of patient information. Simple, intuitive printer loading and one-at-a-time printing allows bands to be generated with minimal waste. Designed to accommodate a wide range of needs, Intermec INband configurations are available to identify patients from newborns to adults.

## Products

### INband Wristband

#### Printer Recommendation

##### PF8 Desktop Printer [Profile](#)

- *Easy to Deploy* – Features internal Ethernet option and robust configuration tool
- *Easy to Install* – Uses common media and printer languages
- *Easy to Use* – Drop-in media loading

##### PC41 Desktop Printer [Profile](#)

- Connect & Print™ feature facilitates quick and easy printer setup
- Reliable and inexpensive on-demand label, ticket, and tag printing
- Excellent print quality ensures accurate scanner and human readability
- Supports IPL programming language – no changes to the host system

#### The Intermec Advantage

With safety and quality of care depending on accurate patient identification, wristband system components must work together flawlessly. Intermec printers and media are optimized to deliver superior performance when used together. Our rigorous testing and co-engineering ensures consistently high print quality, proven performance in demanding real-world environments, and maximum print head service life for reduced downtime.

Intermec printers and media are complemented by our complete line of integrated solutions and services, including rugged mobile computers, RFID systems, and advanced scanning technology. Intermec products and services are used by customers worldwide to improve the productivity, quality and responsiveness of their business operations.

#### For more information

Contact Intermec for more information on positive patient identification with INband wristbands.



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