



## PERFECT MATCH DATA VERIFICATION FOR HEALTHCARE ENVIRONMENTS

From accidental overdoses to allergic reactions, errors in the transcription and distribution of medications can have serious consequences for patients. In an effort to prevent errors, bar code scanners are now being used as a 'mediator' between healthcare professionals and the patient during direct care activities. For patient identification and medication verification, healthcare professionals rely on Datalogic's 'Perfect Match.'

Perfect Match is a healthcare-focused data verification tool that is primarily used during bedside point-of-care activities, such as Bar Code Medication Administration (BCMA), to protect patients against medical errors. The system works by first matching (scanning) a patient's identification wristband and the corresponding medical record. If the two bar codes are a Perfect Match, the reader will 'beep' and show a Green Spot directly on the bar code, confirming that the patient and medical records are a positive match.

During step two, the bar codes associated with medication in the patient's medical record and the actual medication label are scanned. If another Perfect Match notice is given, the patient has been positively matched with the correct medication. If there is not a Perfect Match, the Green Spot will not be shown on the bar code and an audible alarm will sound from the scanner. This protects the patient from receiving the wrong medication and alerts the healthcare professional to check the data and correct the error.

Additionally, Datalogic's patented Green Spot technology can be used during BPOC applications when silent scanning is desired. To work around sleeping patients, the Green Spot allows the bar code reader to be silenced by providing the operator with additional (visual) good-read feedback. When the code is successfully read, a Green Spot will instantly appear on the scanned bar code, instead of a loud 'beep' confirming the good-read.

## BENEFITS

### Easy Solution to Prevent Errors

- Significantly improves the protection of patients against mistakes due to medication errors.
- Reduces the financial impact of errors on hospitals, insurance companies and health providers.

### Not Just for Healthcare

Datalogic ADC's Perfect Match is also suitable for account verification in banking, pick and pack applications in manufacturing and many other applications where data verification is required.

### Available on the Following Products:

- Gryphon™ I 4100 Series
- Gryphon™ I 4100-HC Series
- Gryphon™ I 4400 2D Series



## HOW PERFECT MATCH WORKS

**Note:** The Perfect Match process described herein illustrates one example of a cross-matching procedure and items that can be scanned. The process or items can vary depending on individual medical practices. Perfect Match can be adapted to different procedural steps leading to the same result.

### Step One: Match the patient to the medical record

- Scan the patient's identification wristband
  - Scan the patient's medical record
- If the two bar codes are a 'perfect match':
- The reader will beep
  - The reader will show a green spot directly on the bar code

### Step Two: Match the medical record to the correct medication

- Scan the bar code located in the medical record corresponding to the correct medication
- Scan the bar code on the medication label

If the two bar codes are a 'perfect match':

- The reader will beep
- The reader will show a green spot directly on the bar code

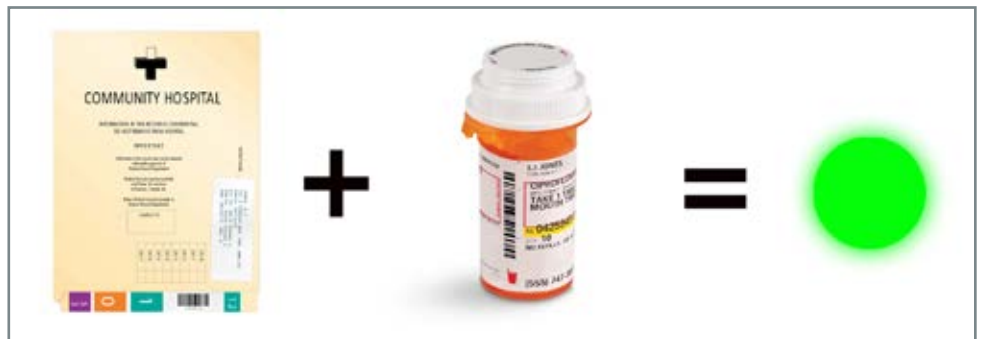
**The 'Perfect Match': Two Perfect Matches means the patient has been positively identified to the medication**

**If during Step One or Two, the two bar codes do not match:**

- There is no Green Spot shown on the code
- An audible alarm sounds, alerting the user that a perfect match has not occurred



Step One



Step Two



The 'Perfect Match'



No Match

