HEALTHCARE SOLUTION

Critical Pharma and Medical Deliveries Rely on Our Rigorous ODV-2D Barcode Inspection System

OVERVIEW

Problem
Medical Industry Challenges: Highly-Regulated, Critical Assets, Smaller Labels

Background
Critical Label Information in Highly-Regulated Industries

Solution
Our ODV-2D Barcode Inspection for Unmatched Label Accuracy

Rapid and accurate pharmaceutical and medical supply deliveries—everything from COVID-19 vaccines to hospital wristbands—require precise and highly accurate barcode labeling. A trend toward smaller labels, to fit increasingly smaller medical devices, coupled with unprecedented global efforts to distribute and administer COVID-19 vaccines means highly accurate barcodes are critical.

PROBLEM
Medical Industry Challenges: Highly-Regulated, Critical Assets, Smaller Labels

The healthcare industry is a highly-regulated market with numerous standards, requirements, and levels of compliance to ensure safety for a broad range of items, including product and patient safety. Barcode labeling data and formatting must also comply with strict industry standards.

Products with serialization requirements cannot be accepted by medical centers without properly documented data and information. Label information capacity and accuracy are vital to the transportation, distribution, and use of medical devices and pharmaceutical products. Applications in the healthcare industry are dependent upon an intricate process of distribution and labeling information.

BACKGROUND
Critical Label Information in Highly-Regulated Industries

Highly-regulated industries like healthcare are managed by various government agencies that demand certain standards and levels of compliance to ensure product and patient safety. Regulations within the pharmaceutical industry are on the rise with specific labeling requirements for data and formatting.

Unchecked barcodes can result in shipping delays, returns, shipment rejections if the barcode cannot be read and does not provide the correct critical information. If the labels cannot be validated, pharmaceutical products may be assumed counterfeit—a massive threat to the medical field that costs upwards of $20 billion per year and affects lives. No hospital wants to risk accepting potentially counterfeit pharmaceuticals due to unverified labels. As a result, unverified labels may get returned to the supplier accompanied by a fine for the faulty barcodes.

Medical industry barcode challenges encompass:

- The rejection of products with serialization requirements if the correct data and documentation is not supplied.
- The loss of critical and private patient information, product data, and assets.
- The growth of small-sized 2D barcode labels that can cause issues such as a tiny smudge or wrinkle, which may not be visible to the human eye but could lead to bad or unreadable barcodes.
- Medications received with unvalidated barcode labels could be returned to the supplier, often with a hefty fine for faulty barcodes.

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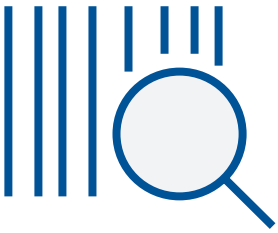
SOLUTION
Our ODV-2D Barcode Inspection for Unmatched Label Accuracy



The TSC Printronix Auto ID advanced label inspection technology ensures barcode accuracy and quality, every time. Using our ODV-2D Barcode Inspection to print, verify, and validate all labels helps our customers level up to the demands of the medical and pharmaceutical industry. Automated barcode label inspection and correction—while the label is still on the printer and before it has been applied to a package—saves users a significant amount of time and cost. It also helps to mitigate risk and optimize efficiency.

Mitigate Risk:

- Avoid fines for unreadable barcodes
- Eliminate unnecessary product returns
- Steer clear of regulatory audits for faulty barcodes

Optimize Barcode Inspection Efficiency:

- Overstrike bad barcodes while the label is still on the printer
- Automatic retraction and creation of a new label speeds up processing time to fix unreadable barcodes
- More quickly and easily repair bad barcode labels, saving money and time, and reducing potential headaches

RECOMMENDATION
Our T6000e and T8000 Series RFID Printers

Our advanced ODV-2D Barcode Inspection technology is available on our award-winning T6000e industrial printer and our rugged T8000 enterprise industrial printer. Both models can verify and validate 1D and 2D barcodes, grade the labels to ISO standards, and generate a report to document the integrity of printed barcodes.

Printronix Auto ID enterprise printers with Barcode Inspection technology can save your customers time and money by automatically correcting bad barcodes and providing defense against chargebacks for poor label quality. In the medical device and pharmaceutical fields where accurate label information is crucial for patient and product safety, finding the right barcode inspection solution is mission critical.

T8000 ODV-2D T6000e ODV-2D

CONCLUSION
Optimize Barcode Accuracy, Mitigate Risk with Printronix Auto ID Enterprise Printers

Safeguarding medical patient information and pharmaceutical product safety are mission critical in the healthcare arena. The rugged accuracy of Printronix Auto ID industrial printers with ODV-2D Barcode Inspection Systems ensure accuracy, reduce risk of fines for faulty barcodes and non-compliance, and provide a simplified, automated way to certify barcode accuracy before a shipment leaves your sight.

To learn more about this solution, please contact your local sales representative.