



Optimize Logistics Using Our Barcode Label Inspection Printers for Expedited Processing

OVERVIEW



Problem

**Unreadable Barcodes
Impact Productivity**



Background

**Incomplete Label
Inspection Can Lead
to Errors and Fines**



Solution

**Automated and
Integrated Barcode
Inspection Printers**



There is no shortage of data to confirm that supply chains are currently under enormous pressure, furthered by growth in online order activity. Add to that warehouse personnel shortages, backlogged materials, and a scarcity of trucks for transporting goods and we have one of the greatest logistics challenges the industry has faced. What if an innovative and automated barcode inspection system could reduce delays in processing shipments for your downstream customers?



PROBLEM

Unreadable Barcodes Impact Productivity

Unreadable barcodes can wreak havoc on a supplier's bottom line in the form of chargebacks and other repercussions if your downstream customer has to manually process items, leading to slower processing time. Many companies, especially large retailers, often impose fines or chargebacks, conduct audits, and even return shipments to vendors if barcode labels are unreadable.



BACKGROUND

Incomplete Label Inspection Can Lead to Errors and Fines

We strongly recommend that suppliers inspect barcode labels just as you inspect your outgoing products. A common misconception within the industry is that handheld scanners are sufficient to effectively check barcode labels. However, manually scanning barcode labels requires equipment, time, and software to inspect. Spot checking does not inspect every label. Errors that occur at a rate of one label in 1,000 can still yield thousands of dollars in fines per month. Chances of catching this one-in-a-thousand error using spot checking is very small.

Automating your inspection system with our barcode inspection printers doesn't require any additional space, templates, software, or operator interaction to verify that EVERY barcode on EVERY label is read and graded to ISO standards. The label verifier is [built into the printer](#) which adds efficiencies that save you time. It also ensures your downstream customer will receive high quality, readable labels that enhance processing time for them and reduce risks for you.

Poor quality and unreadable barcode labels put a wrench in your customer's process, causing delays in receiving, and making automated systems non-functional. Suppliers who deliver goods with unreadable barcode labels may find their customers impose chargebacks for the impact it had on their processing time.

SOLUTION

Automated and Integrated Barcode Inspection Printers

One thing suppliers can do to reduce delays and ensure operations are running smoothly for their downstream partners — to support more resilient and efficient operations for the supply chain — is future proofing barcode label printing and verification. Poor quality and unreadable barcode labels put a wrench in your customer's process, causing delays in receiving, and making automated systems non-functional. Suppliers who deliver goods with unreadable barcode labels may find their customers impose chargebacks for the impact it had on their processing time. When retailers need to halt their process to manually check a bad barcode, it slows down a very fast-paced, high volume system.



With an automated barcode verification and validation system built into our [TSC Printronix Auto ID ODV-2D printer](#), you gain peace of mind and a guarantee that your barcode labels will be accurate every time, reducing your risk of chargebacks and preserving your brand reputation with your downstream customer. Continue reading to learn more about how these printers work to expedite processing and support better supply chain operations.

RECOMMENDATION

Automated and Integrated Barcode Inspection Printers

Our [T8000 and T6000e Enterprise Industrial ODV-2D Printers](#) come equipped with our unique integrated barcode inspection system to verify and validate every single barcode label printed. These printers come equipped with a bevy of benefits that will enhance your operations and eliminate issues that affect your part of the supply chain. You can focus on what you do best, and let the printer automate label printing, grading, and inspection. These printers:

- Automatically find and grade every barcode on every label
- Overstrike and reprint any barcode below acceptable grade automatically (users can set thresholds to any value A-F)
- Print, verify, and validate 1D and 2D barcodes
- Offer a barcode label grade report on every label available in real-time to the application for archive and use in defending against chargebacks
- Can be integrated with our software partner [Perceptor PTXL](#) to add OCR, serial number duplicate checking, and blemish detection
- Can be integrated with our [software partner TEKLYNX](#) to store the barcode reports with job information for easy retrieval and to defend against chargebacks

The ODV-2D printer typically pays for itself in a few months with 99.99% of barcode labels printing perfectly. The reporting feature provides added protection for suppliers, capturing data to prove that the labels were printed and graded to requirements before they left your facility as a tool to [defend against chargebacks](#).



CONCLUSION

Simplify Barcode Inspection

Barcode label inspection is as simple as printing with TSC Printronix Auto ID ODV-2D printers. Don't impact your downstream customers with barcode errors that affect their productivity. Avoid repercussions by inspecting every label automatically and easily with barcode inspection as an option on our T8000 and T6000e Enterprise Industrial ODV-2D Printers.

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

