

CALCULATE THE SAVINGS

To compare your current printing costs with that of a fully implemented Printronix T5000r/ODV/supplies solution visit Printronix online at www.primtronix.com.

PRINTRONIX
Expected Cost Savings Through Use of Printronix T5000^r Printers with Online Data Validation
Internal Logistics and Manufacturing Applications ROI

This spreadsheet will allow you to analyze ROI for Internal Logistics and Manufacturing Applications, comparing the current situation with a fully implemented Printronix T5000^r/ODV/supplies solution. This analysis assumes that label usage, ribbon usage, and maintenance costs will remain constant over a 3 year period. If label usage is expected to increase, the cost savings will be expected to increase as well.

Please fill in the green shaded areas with the appropriate data.

COST ASSESSMENT	
Number of labels printed per day (quantity)	5000
Percent of labels not readable/scannable (%)	1%
Number of labels reworked per day (quantity)	50
Cost to rework each label (in Dollars)	\$3.00
Total bar code rework cost per day	\$150
Working days per year	250
Total bar code rework cost per year	\$37,500

TOTAL 3 YEAR SAVINGS

\$103,900

Avg. Monthly Savings \$2,886
 ROI in Months 2.29

CURRENT COST	Year 1	Year 2	Year 3	3 Year Total
Estimated Label Cost (per year in Dollars)	\$15,000	\$15,000	\$15,000	\$45,000
Estimated Ribbon Cost (per year in Dollars)	\$10,000	\$10,000	\$10,000	\$30,000
Estimated Printer Maintenance (per year in Dollars)	\$2,500	\$2,500	\$2,500	\$7,500
Rework Costs	\$37,500	\$37,500	\$37,500	\$112,500
Total Costs - Current Situation	\$65,000	\$65,000	\$65,000	\$195,000

RJS SCANNERS AND VERIFIERS



For companies currently utilizing non-Printronix printers, other verification systems offering excellent performance are available.

ONLINE VERIFICATION SYSTEM

The SV Series Scanner/Verifier provide both fixed position scanning and high-speed on-line ANSI method verification for a turnkey method of monitoring the printing process with some human intervention.

- Identifies errors by checking for burned out pixels, ribbon wrinkle, and clogged inkjet nozzles
- Scans the bar code, then decodes and reports the encoded data

- Stops to wait for an operator to correct the problem if a bad bar code gets printed
- Available for most thermal printer models and high-speed or conveyor applications

PORTABLE VERIFICATION SYSTEMS

Portable verifiers are ideal for checking bar codes at QC checkpoints or receiving.



INSPECTOR[®] D4000 adapts to most linear bar code verification applications requiring a portable unit



INSPECTOR[®] 4000 fulfills the ANSI method standards



INSPECTOR[®] 1000 designed for maximum ease of use

CUSTOMER SUCCESSES

48% IMPROVEMENT IN SCAN RATES

An international distribution center responsible for millions of SKUs, thousands of shipping points and trading partners relied heavily on innovative supply chain techniques to move merchandise quickly to the consumer. Current systems generated a high volume of non-compliant bar code labels resulting in problems throughout the supply chain. To improve inventory operations and keep distribution lines flowing, it was critical that the company implemented an integrated solution to ensure 100% percent bar code accuracy.

To resolve these issues, Printronix recommended the T5000r printer with Online Data Validation, which provided a cost-effective, hand-free quality control process that ensures faulty bar codes would not be affixed to products. This solution allowed the company to move 250,000 additional cartons and improve scan rates by 48%.

\$250,000 IN FEES ELIMINATED

A national apparel manufacturer distributes over 720,000 garments a day, via 36,000 outbound cartons to thousands of locations with bar code labels affixed to each garment and carton shipped. Their customer has strict requirements regarding bar code compliance. In this case low-bar code quality was costing the company more than \$225,000 per year. The current process of visual validation often resulted in overlooked smudged or unreadable bar codes. The company needed a streamlined solution to eliminate mistakes and improve bar code printing.

The Printronix solution was the T5000r thermal printer with Online Data Validation, which helped to streamline printing of 100% scannable bar code labels and reduce employee training. The most compelling aspect was the system's ability to store data allowing the company to better manage customer claims. During a two-month period the company experienced a 90% drop in bar code failures. Within 90 days the company had recouped its investment and was compiling valuable data.

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