



**Eliminate PCs with  
smart printing —  
Save time, money,  
and space**



# Smart printers can perform traditional PC tasks



# Smart printers are proven performers

*"The ROI is almost immediate. Intermec smart printers not only cut capital investment, but they minimize communication overhead and congestion on the network."*

*Chuck Osisek  
President, Denco Data*

**Smart label printers eliminate the need for PCs and other middleware. Their built-in intelligence and two-way communication capability enable them to perform traditional PC tasks. This means less equipment, greater efficiency, and lower costs.**

## **Smart label printers:**

- Less equipment means lower costs
- Streamline operations by communicating with peripherals and PLC-compatible devices
- Direct communication with host system improves efficiency
- Smart printers keep downtime at a minimum by issuing alerts to remote devices
- Simulates other printers to eliminate costly programming changes



# Intermec



*"We chose smart printers for our WoodCrafts facility because they can operate as a stand alone without a PC."*

*Darin Stanson  
Production Manager  
The Longaberger Company*

## **Less equipment means lower costs**

Your startup or printer replacement investment is greatly reduced by eliminating the need for a PC and monitor. If an industrial grade PC has an average cost of \$2,000 and 20 printers are required for your operation, that's an immediate savings of \$40,000.

## **Streamline operations**

Smart label printers communicate with peripherals and PLC-compatible devices such as warning lamps, photocells, pushers, and microswitches. This streamlines manufacturing, logistics, and warehouse operations. Integrating the label printing process with production processes maximizes production and employee resources, while reducing points of failure, errors, and costs.

## **Direct communication with host system improves efficiency**

Smart printers communicate directly with the host system to retrieve data, manage, and print multiple label formats. This is particularly valuable when printing compliance labels. Direct communication with the server ensures the label information is current and accurate. This reduces setup time and label errors. Fewer errors improve productivity and reduce the cost of performing duplicate work. In addition, the printer can be managed remotely. Operators can set-up, configure, and monitor printers via the web or intranet.

## **Smart printers keep you informed**

You can optimize service teams because smart printers issue pre-emptive notification alerts to ensure that printer downtime is minimized. For example, if a printer runs out of labels, a notification is sent via email, pager, PDAs, or cell phone to the support staff. Standard alerts are included with the Intermec® Printer Network Manager (IPNM) software and can be customized to meet specific customer needs.

## **No programming changes to host system**

When replacing non-Intermec printers, there are no costly and time consuming programming changes to the host system. Smart printers can simulate non-Intermec data streams. (Zebra and DataMax simulation tools are available as standard product add-ons.)

## **Wireless connectivity gives you flexibility**

Wireless connectivity is an option on Intermec smart printers. It can cost a considerable amount of time and money to run network cables to remote locations in the plant. Wireless technology removes the limitations, allowing printers to be placed anywhere there is power within a facility and be immediately connected to the network. There are no additional rewiring or labor costs to relocate or install new printers. Smart printers can be mounted vertically or horizontally for easy integration into automatic labeling applications. They can also be placed on a power cart and moved to wherever they are needed to operate.

Intermec wireless printers utilize an integrated 802.11b radio for safe transmission, migration protection, and seamless integration. Intermec's EasyLAN™ Wireless printers ensure the security of your network with 802.1x, TTLS, and LEAP standard functionality.

## **A smart printer for any application**

Intermec smart printers cover every type of application from low volume, economical printers to rugged, industrial strength printers working 365 days a year. Regardless of the printer you choose, you'll find it easy to install, set-up, operate, and maintain.

"There's no PC. No keyboard. No need to hook up to the network for any programming. No guess work. Everything is done for you by the printer."

Ed Weber  
Vice President Sales and Marketing  
Toolworx



### Intermec's RFID-Ready EasyCoder® PM4i

The EasyCoder® PM4i is an industrial printer designed to excel in demanding applications and environments. Utilizing the latest technology, the PM4i features a strong mechanical platform and powerful newly developed electronics.

- RFID ready
- 4" print width
- 8" per second print speed
- Choice of five interface options — serial, parallel, USB, EasyLAN™ Ethernet, and EasyLAN™ Wireless
- Double clutching ribbon mechanism supports ribbons wound in either direction
- Rugged metal design
- Magnetic QuickMount™ printhead



### Intermec's EasyCoder® PF2i

The PF2i printer is great for demanding applications that must maximize every inch of space.

- 2" print width
- 8" per second print speed
- Compact and lightweight
- Open web path for quick media loading
- QuickMount™ printhead replacement



### Intermec's RFID-Ready EasyCoder® PX Series

Intermec's EasyCoder® PX Series printers are built to excel in rough working conditions. They are designed to maximize efficiency and remain printing at all times, eliminating downtime.

- 4.4" print width (PX4i)
- 6.5" print width (PX6i)
- 12" per second print speed (PX4i)
- 9" per second print speed (PX6i)
- Label tear-off edge
- Scalable TrueDoc™ and Truetype™ fonts
- All metal construction provides non-stop, 24/7 label printing in harsh environments
- Dual, individually-controlled motors provide powerful label feed necessary to print quality labels at high speeds
- Easy setup, choice of interface options, and flexibility to mount printer horizontally or vertically
- Incorporates Intermec SmartSystem™ for device management



### Intermec's EasyCoder® PF4i/PF4ci

Choice of medium duty or compact industrial strength printers for applications that require a more rugged, durable printer but don't have a lot of space available.

- 4" print width
- 8" per second print speed
- Full media roll capacity – 6" or 8" OD label rolls
- Tear off or label auto peel
- Compact and lightweight
- Open web path for quick media loading
- QuickMount™ printhead replacement



### Intermec's EasyCoder® XP Series

The EasyCoder® XP Series provides top of the line bar code label printing – with outstanding throughput and print speed. The Intermec XP Series prints labels 24/7 in harsh, industrial environments.

- 5" print width (501XP)
- 6.5" print width (601XP)
- 12" per second print speed (501XP)
- 9" per second print speed (601XP)
- High throughput
- Rugged metal design
- Magnetic QuickMount™ printhead

## About Intermec...

Intermec Technologies Corporation, a Unova Company, is a global leader in the development, manufacture, and integration of automated data collection, wireless systems, terminals, mobile computing, printers, and media. Our products and services are used to improve productivity, quality, and responsiveness of business operations in multiple industries. Intermec has been serving customers since 1966.

Intermec offers comprehensive logistics solutions, including:

- Data capture scanners and wedges
- Wireless Local Area Networks (LANS)
- Wireless Wide Area Networks (WANS)
- Personal Area Networks (PANS)
- Wired or wireless hand-held, vehicle and fixed-mounted terminals
- Label and media supplies
- Wired and wireless fixed or mobile printers
- Emerging data collection and management technologies, including smart card and RFID tags
- Software-based solutions
- Professional Services support the purchase, implementation, management, and operation of Intermec's industry leading supply chain management systems.

Technology financing and leasing options are available.

Intermec serves thousands of companies worldwide, including 75 percent of Fortune 500 companies and 60 percent of the Fortune 100. Intermec offers comprehensive supply chain automation solutions and helps companies improve productivity in the areas of manufacturing, warehousing, distribution and logistics, mobile and field service work forces, retail, healthcare, and government environments. The company has extensive expertise in local and wide area wireless network implementations for all of those applications.



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