

#### Intermec - Who we are

**Expanding Productivity** 

Intermec extends the capabilities of supply and demand chain applications to the point of work...

Computing tools for data creation, collection, communication and control

















#### Intermec - Who we are



Everett, Washington USA— World Headquarters

Cedar Rapids, Iowa USA - Systems & Solutions Group

Cincinnati, USA – Media Products

Los Angeles, USA – Latin America Headquarters

Reading, England – Europe/ Middle East/ Africa Headquarters

Gothenburg, Sweden – Printer Development

**Toulouse, France** – Scanner Engine Development

**Singapore** – Asia Pacific Headquarters

### Leadership, Experience, Expertise

- Over 40 years in business
- Combined strength of three industry leaders - Intermec, Norand and UBI
- Broadest line of ADC, mobile computing, scanning, printer/media systems and RFID
- Over 400 custom software applications
- Experts at enterprise integration and implementation
- Real world experience at solving mission-critical business problems



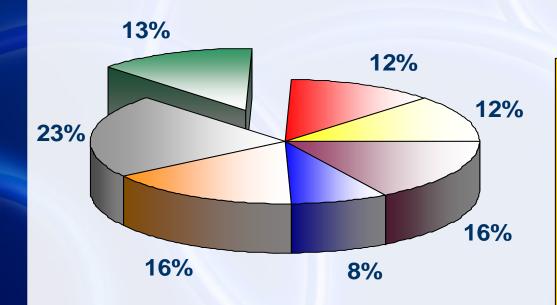
# **History of Innovation**

- 1972 Invented Interleaved 2 of 5, used today as the standard for marking cardboard boxes in supermarkets
- 1974 Invented Code 39, still the most widely used alphanumeric bar code symbology in the world
- 1982 Invented the "Smart Battery" technology used in most portable devices such as laptop PC's camcorders, etc.
- 1984 Invented the removable hard drive used in most laptop PC's and servers
- 1989 Invented "Pocket RF" product category
- 1994 1st data collection technology with 2.4 GHz wireless LAN and the first fullyautomatic digital camera for non-contact image capture and decoding with an integrated computer
- 1995 Introduced the first handheld 2D Matrix bar code scanner
- 1996 Developed the first multi-radio access point capable of supporting two radio technologies simultaneously
- 1999 Introduced the first complete wireless LAN incorporating the IEEE 802.11 standard, the first Windows® CE-based data collection PC, Intellitag® family of RFID products, first scanner to read both bar codes and RFID tags, and the 1st Windowsbased handhelds with RFID



# Intermec's patent portfolio contains 711 U.S. patents\*

(60 wireless patents)



\* approximately 300 new patent applications are pending

- □ Scanning and Decoding
- **■** Batteries/Battery Mgmt
- Wired Communication
- □ Bar Code Symbology
- **☐ Wireless Communication**
- □ Printers & Media
- ☐ RFID and Other



## **Global Sales and Service Support**



# The World's Most Complete Line of ADC Products and Services

WAN, LAN, PAN Networks Mobile Computing
Computers and Terminals

**Data Capture** 



**Bar Code Printers, RFID and Media** 



**Software Tools** & Applications



**Integration and Custom Development** 











### What if you could...?

- Take advantage 2D codes & increased data capacity
- Decrease the size of shelf labels
- Incorporate image capture for proof of delivery
- Scan without strain or discomfort
- Provide faster long-range scanning (30 feet plus)
- Outfit every employee with the same device to support their entire profile of scanning needs!



# Now You Can: EX25 Near/Far 2D Imager



EX25 is the first auto-focus area imager that enables users to scan both 1D and 2D bar codes from near and far distances (6 inches to 50 feet) in any orientation. And since it's an imager, it can take pictures too.





#### **EX25: Saving Time and Money**

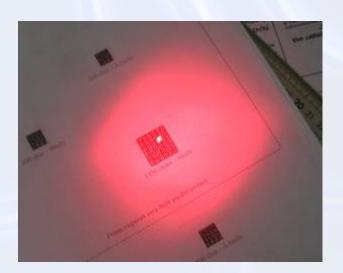
- Omni-directional: Saves the user time and, reduces fatigue and injury by reading any type of bar code in any orientation.
- Multi-device Functionality: Only near/far scanner that can read 1D, 2D, composite and postal codes and capture images.
   Eliminates need for multiple devices, reducing TCO and increasing productivity.
- Ready for the future: Supports 2D requirements of industry standards (ISO 15394, GM 1724, CEA, TCIF)





#### **Greater Ease of Use**

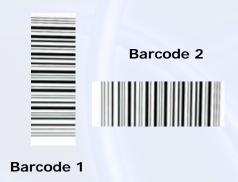
- Intuitive laser aimer
  - Select the precise barcode to decode
- Illumination when it's needed
  - Auto-determining capability compensates for low light conditions

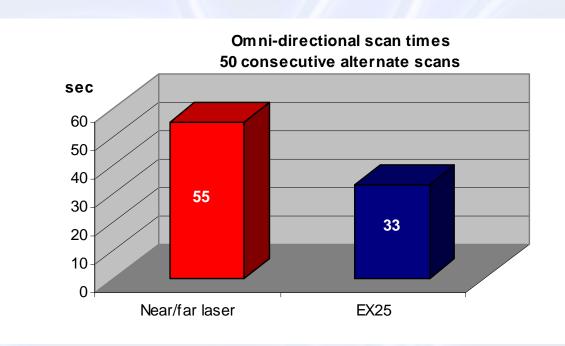




#### More productive

EX25 66% faster for omni-directional scanning





Panel of users asked to consecutively scan both barcodes 50 times



### Fatigue-free scanning

- No wrist turn
- No need to bend or stretch
- Scan while standing

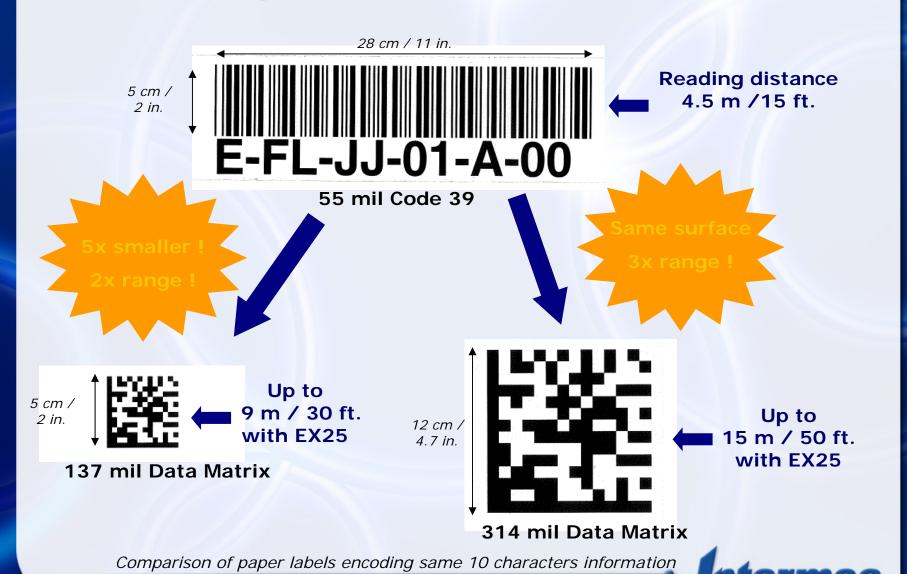








#### More range With Smaller Code



#### **Image capture**

- Documentation of
  - Damaged items
  - Outdated freight
  - Proof of delivery
  - Insurance claim





#### **EX25** in Intermec products



## **WMS** application

- One scanner for:
  - o Product label
  - o Pallet label
  - Storage store label
- Ideal for forklift apps













#### EX25 Near/Far 2D imager

- Unique combination of:
  - 1D and 2D codes omni-directional reading
  - Impressive range (6 in. to 50ft.)
  - Image capture capability
- Perfect solution for WMS
- Integrated into CK31 and SR61





#### **IP30 Handheld Reader**



EPC Global Gen 2 and ISO 18000-6b

Uses SR61 batteries and chargers

Separate battery from terminal for full shift of use.

Easy-to-use diagnostic LEDs

Sleek, streamlined industrial design

NI configurations availableb

Communicates with terminal via Bluetooth or USB

Compatible with CN3, CN3e, CK61, CK61-EX25

#### **Primary Verticals:**

- Industrial
- Transportation & Logistics
- Consumer Goods



#### **IP30 Product Specs**

#### **Handheld Computers**

CN3, CN3e, CK61, CK61-EX25

#### **Accessories**

External battery charger (same as SR61)

#### **Communications Interface**

Bluetooth and USB configurations

#### **Environment**

- Operating Temp: 0° to 50° C (32° to 122° F)
- Storage Temp: -30° to 70° C (-22° to 158° F)
- Humidity: 10 to 95% (non-condensing)
- Sealing: IP64 compliant
- Drop Survival: Withstands 4 foot drop (1.3M) 26 times to concrete
- Nonincendive (NI) Option: Class 1 Div 2; T4, Class 2 Div 2, Class 3 Div 2

#### **Physical Characteristics**

- Weight without handheld computer: 0.43 kg with battery (1 lb, 15.4 oz)
- Weight with CN3: 0.86 kg with battery (1.9 lbs)
- Weight with CK61: 1.16 kg with battery (2 lbs, 9.0 oz)
- Power: Removable Lithium—ion battery pack

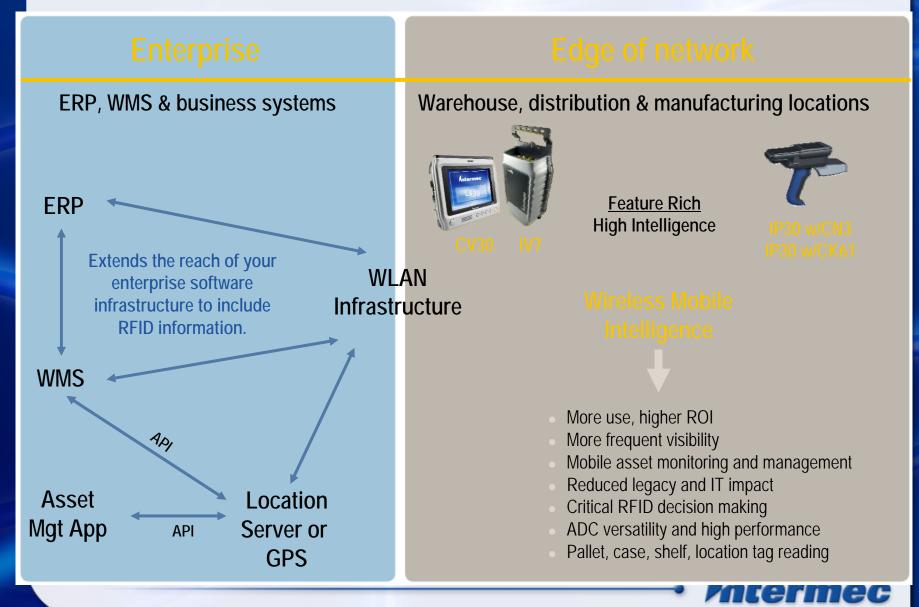


#### **IP30 Features/Benefits/Differentiators**

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Feature	Benefit	Competitive Differentiator
Scalability	Purchase IP30 with, or add to, an existing installed base of CN3 Series or CK61s when RFID is needed.	Integrated units force an RFID purchase when it may not be needed; competitive add-on units don't offer as powerful mobile computing choices
Unprecedented versatility: RFID with GPS	RFID reads can now be associated with time stamps and geo coding (location) to enhance supply chain visibility for applications like track and trace, point of origin and asset management.	Competitive products will require a cumbersome, external GPS receiver.
Investment Protection for the supply chain of tomorrow: RFID with Near/far field imaging	The IP30 and CK61ex not only read RFID, but also 1D and 2D bar codes from any angle, near or far, within the same application to provide complementary identification at the item, case and pallet levels.	Increasingly RFID and bar code labeling are moving away from simple "either-or" co-existence toward complementary solutions that marry identification at the item, case and pallet levels. Competitive products cannot match this feature.
Rugged and Safe: RFID for non- incendive (NI)	The IP30 is available in NI for use in hazardous environments and by the DoD. Class 1 - Div 2, Class 2 - Div 2, Class 3 - Div 2.	IP30 NI, CK61NI and Intermec's rigid RFID tags are the only single source solution for reading and writing to RFID tags in hazardous environments.
Priced 15% less than main competitors	Mobile RFID is affordable.	Competitive products cost more.
Global Solution: Available in both FCC and ETSI frequencies	Multi-national customers with global operations can deploy a single hardware solution from a single source.	Most competitive products are not available in the ETSI frequency band.



## **Mobile RFID Category**



# **Popular Handheld RFID Applications**









**Locating Inventory Individual Case** 

**Tracking** 





**RFID Compliance** 

**Asset Tracking** 







**Service Tracking** 



**Location Tracking** 

# Intermec® expect MORE™

