Security Labeling

Industry:
Medical device manufacturing
Aerospace
Automotive
Electronic manufacturing and distribution
Consumer goods
Software
Pharmaceuticals

Products:
INdelible VOID label
Tamper-evident Syntran Label
ThermaMAX UV fluorescing ribbon
TMX3202
TMX2202
PM43
PC43t
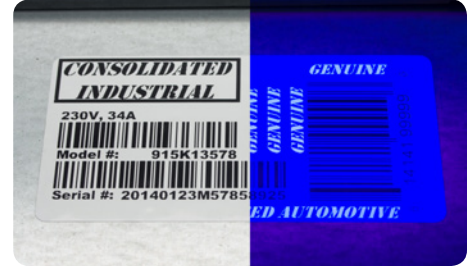70 series RFID computers

Region:
North America

Typical Applications:
Brand protection
Tamper evidence
Prevention/identification of counterfeiting
Validation of required warranty conditions

Customer Benefits:
- Increased difficulty to counterfeit products
- Positive identification of goods with violated warranty terms
- Reduced liability with positively identified fraudulent goods
- Robust verification of genuine articles
- Reduced total cost of ownership with free printhead replacement program when Intermec media and printers are used together

Intermec by Honeywell

Industry Need

Brand owners face many challenges in developing and maintaining a positive impression with their customer base. Strategies for product performance, reliability, and value must be carefully developed and flawlessly executed to remain effective. However, counterfeit goods can tarnish positive perception in the marketplace, while gray market redistribution can undermine pricing and profitability. Intermec's suite of security media products can strengthen defenses against these threats.

Security can have one or several layered attributes to validate chain of custody from a brand owner to the consumer. Serialization from variable information printing, the core of bar code and RFID applications, verifies code synchronization with trading partners. Overt designs convey consumer confidence, while covert features such as small hidden characters or UV fluorescing inks are known only to the brand owner.

Intermec Solution

Intermec products enable improved security through a range of features and functions. The most robust applications commonly employ multiple features for a layered approach to product security.

Serialization/Chain of Custody

Using bar code and/or RFID, products can be tracked from raw material through manufacturing, storage, and distribution. Verifying that goods do not deviate from established channels greatly reduces access for tampering or gray market distribution.

Tamper Evidence

Checking for the presence and condition of a tamper evident label offers a quick way to verify that a product is genuine (or has not had the terms of its warranty violated). This function can take the form of packaging closures, enclosure seals, or warranty/serial number labeling.

Intermec INdelible VOID Label provides an on-demand printable label that can carry serial numbers, product ID, logos and text. The highly durable label and printed image survive handling, cleaning, and harsh treatment; aggressive adhesive ensures compatibility with a wide range of surfaces. Upon removal, the label face sheet irreversibly splits in a visible void pattern, ensuring the label cannot be applied to another product. Void indicators remaining on the surface provide further evidence of tampering. This material can also be used for case closures to validate terms of warranty claims.

Intermec's Duratran II Tamper Evident Syntran Label also offers tamper evidence for applications with lower marking durability requirements. This label delaminates and shreds upon removal, ensuring product integrity.

With specialized die cutting, Intermec can also add security slits (tear propagation points) to many other standard label products to enhance tamper evidence.

Covert Security

Covert markings enable trained inspectors to check markers of authenticity that are not visible to the naked eye. Because they are invisible under standard lighting, these features are often missed in the counterfeiting process.

Print that fluoresces (glows) under UV lighting is positive, quick to verify, and requires minimal investment to train and equip inspectors. With the ThermaMAX UV fluorescing ribbon, logos, graphics, text, and serialization can be added on-demand. Alternatively, fixed preprint can be added on-press during the media manufacturing process; further complexity can be added by employing multiple UV fluorescing colors.

Overt Security

Overt security measures are clearly visible to the naked eye, making counterfeiting difficult to undertake and more recognizable when it occurs. Intermec offers labels with holographic patterns to provide instantly recognizable product marking with increased sophistication. Compatible with on-demand text, graphic, and barcode printing, this option offers multiple layers of security in a single product.

Intermec Security Media Products

Application	Intermec Media Products
Tamper evidence	INdelible VOID label Tamper Evident Syntran label Addition of security slits during label manufacturing can render added tamper evidenced to these or other products.
Covert security features	ThermaMAX UV fluorescing ribbon Labels with UV fluorescing preprint
Overt security features	Holographic labels

Ribbon Recommendation (if applicable)

TMX3202 (compatible with INdelible VOID Label and holographic labels)
ThermaMAX UV fluorescing ribbon
TMX2202 (compatible with Tamper Evident Syntran Label)

Printer Recommendation

PM43 RFID Printer Profile

Ready – Fastest to deploy. Seamlessly fits any environment.
- Large color multi-lingual tamper proof touch-screen or icon user interface
- No touch configuration capabilities
- Only CCX & WiFi certified fixed printers with standard IPv6 implementation

Reliable – Maximize uptime. Built from 40 years of printing innovations. 3rd generation platform.
- Precision Print for consistent bar code printing with pin point accuracy
- Multilingual Web page loaded on every printer ensure easy device monitoring
- Strong metal structure with metal door that can be locked for media protection

Perform – Increase productivity and process efficiencies.
- Fastest throughput in its class
- Powerful programmable capability with ability to directly connect peripherals
- Most connectivity options in the market

PC43/23 Desktop Printer Profile

Intuitive – Easiest to Install & Use
- Multi-language LCD or universal icon user interface
- Step-by-step installation wizard

Flexible – Fits your business today & tomorrow
- Scalable connectivity & accessories
- Choice of placement options – wall or cart mountable

Smart – Keeps you informed & productive
- Diagnostics through color display or icons
- User installed upgrades & accessories
- Remote management

Intermec®
by Honeywell

Computer Recommendation

70 Series RFID Computers [Profile](#)
- Fully integrated UHF RFID reader with no visible external antenna.
- Advanced RFID read performance in the industry's most compact, ultra-rugged design.
- Choice of three ergonomic designs, one common platform.
- Full compatibility with printers, application software, communications, peripherals, and accessories, thus integrating and enabling a comprehensive enterprise business solution.
- Exceptional battery life to eliminate downtime.
- Advanced imaging technology for remarkable scanning snappiness, tolerance to motion, and low light.

The Intermec Advantage

When validation of genuine products hinges on accurate labeling and identification, it is essential that all components of the marking system work together flawlessly. Intermec printers and media are optimized to deliver superior performance when used together. Our rigorous testing and co-engineering ensures maximum print head service life, consistently high print quality, and proven label and tag performance in demanding real-world environments. Intermec printers and media are complemented by our complete line of integrated solutions and services, including rugged mobile computers, RFID systems and advanced scanning technology. Intermec products and services are used by customers worldwide to improve the productivity, quality and responsiveness of their business operations.

Printhead Replacement Program

Intermec will provide no cost replacement printheads, as failures occur due to normal wear and tear, to those customers who use Intermec Media Products exclusively with their Intermec direct thermal and thermal transfer printers. For full details, click [here](#).

For more information

Contact Intermec for more information on improved brand protection via on-demand security labeling in your enterprise.

North America
6001 36th Avenue West
Everett, Washington 98203
Phone: (425) 348 2600
Fax: (425) 355 9551

North Latin America
Mexico
Phone: (+52) 55 52 41 48 00
Toll Free NOLA:
01800 490 4990

South Latin America
Brazil
Phone: (+55) 11 3711 6770
Fax: (+55) 11 5502 6780

Europe, Middle East & Africa
Reading, United Kingdom
Phone: (+44) 118 923 0800
Fax: (+44) 118 923 0801

Asia Pacific
Singapore
Phone: (+65) 6303 2100
Fax: (+65) 6303 2199

Media Sales
EMEA: (+31) 24 372 3167
USA: (513) 874 5882
http://intermec.custhelp.com

Sales
Toll Free NA: (800) 934 3163
Toll in NA: (425) 348 2726
Freephone ROW:
00800 4488 8844

OEM Sales
Phone: (425) 348 2762

Customer Service & Support
Toll Free NA: (800) 755 5505
Toll in NA: (425) 356 1799
EMEA: intermec.custhelp.com

Internet
www.intermec.com

Worldwide Locations
www.intermec.com/locations

Intermec®
by Honeywell