LEXMARK RFID-ENABLED LASER PRINTER

THE PROBLEM

Lexmark International, Inc. wanted to design an RFID add-on for its Lexmark T640, T642 or T644 monochrome laser printers. Lexmark approached ThingMagic for an RFID solution.

THE SOLUTION

The Lexmark RFID option is equipped with an embedded ThingMagic M5e UHF RFID reader integrated into the printer drawer assembly, enabling customers to use their existing T64x laser printers to encode the RFID tags embedded in labels, documents, cards and stickers. The option contains an embedded RFID reader and antenna that programs and verifies RFID media and provides an easy and affordable way for customers to add RFID capabilities to their existing printing infrastructure.

For document intensive applications, such as court and legal proceedings, searching for and locating documents and files can be difficult and time consuming. RFID can support these applications. In addition to efficient form and file tracking, RFID can also improve information security. Important documents, such as earnings releases, merger and acquisition memos, health records and legal documents can be linked to specific people or locations, and unauthorized document movement can be identified.

CONCLUSION

Laser printers offer a cost-effective alternative for RFID solutions because they can print on a wide variety of media and can help speed up distribution processes and increase productivity. For example, using the Lexmark RFID UHF option and Lexmark's Forms Composer software, customers can print a packing slip, shipping label and program an RFID tag all at once on a single 8.5-inch by 14-inch document. By consolidating multiple devices into one printer, customers can reduce costs and minimize errors and processing time. Lexmark's RFID enabled laser printers can also be used to encode RFID tags embedded into standard paper.

For more information on Lexmark's RFID enable laser printers, visit www.lexmark.com/rfid.

A TRUSTED RFID PARTNER

Many suppliers can offer a wide variety of RFID products to choose from but unlike most data collection manufacturers, JADAK has one of the broadest RFID product portfolios in the industry, backed by engineers with the resources and technical expertise to help customers implement solutions to meet their specific needs and requirements.

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ABOUT JADAK:

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting challenges. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

ThingMagic is JADAK's RFID line of products and services.

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