



General
Printers
Solutions

Select Language

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Search

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Industry Solutions
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Products
Resource Library

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Partner Zone

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Printing Applications

Bank Cards
Driver Licensing
Employee ID Cards
Loyalty Cards
Membership Cards
National ID
Personalized Gift Cards
Secure ID
Smart Cards
Student Identification
Visitor Badges
Access Control

Industries

[Home](#) > [Industry Solutions](#) > [Printing Applications](#) > Smart Cards

Smart Cards

Smart card solutions provide a massive increase in card security and functionality. Data transmission is made via either direct physical contact with a reader, or by waving a card within a few inches of a secure contactless interface.



Find Card Printers for Smart Card Printing and Encoding

Learn More

Contact Zebra about a specific access control application

Smart cards offer data security, portability and convenience for a wide range of applications from financial cards (ATM and credit cards) to personal identification cards used to restrict access to facilities or data.

With constantly escalating security threats and increasing requirements for data-transmission privacy, smart card solutions are quickly emerging as the preferred technologies for numerous applications around the world.

Zebra Card Printer/Encoders: The Best Choice for Secure Smart Card Personalization

Select Zebra card printers are available with internal encoders to encode or read as many as three different smart card technologies, including:

- ISO 7816 contact smart chips, (read and write)
- MIFARE® contactless smart cards (read and write)

The Single-Cable, All-Zebra Solution

Choosing a Zebra card printer with smart card encoder makes smart card production simple and easy, removing the conflicts of multiple vendors and eliminating the need for multiple cables between the printer and the computer. In addition to ease of installation, this one-cable solution also simplifies the synchronization between printing and encoding. Networking support expands the benefits even further.

Print and Encode Locally or Over the Network

When combined with Zebra networking options, you can print and encode cards whether you are connected to your Zebra printer locally via a USB cable or over an Ethernet network. The combination of Ethernet and single I/O connectivity has several potential benefits:

- Improved efficiency – multiple users can share a single printer/encoder
- Increased flexibility – networking allows the printer/encoder to be placed virtually any distance from the host computer
- Conformance to standards – many companies have standardized on Ethernet for printer connections. The card printer/encoder no longer has to be an exception
- Greater physical security – the card printer and supplies can be located in a secured room even if the operator(s) creating the cards are not

Being Smart isn't Hard to Do

Your Authorized Zebra integrator can help you create a new smart card program or upgrade a smart card program in a way that is fully compatible with your existing technology. Contact Zebra for the Zebra integrators nearest to you.

Need information about Bar Code, RFID, or other Zebra printers? Visit www.zebra.com.

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