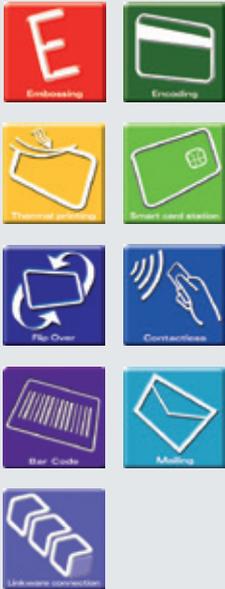# SOFTWARE
MULTICARD 2013 + SMART

FOR:

PRO SERIES

USED BY:

- PRIVATE ORGANIZATIONS
- TELECOM PROVIDERS
- LOTTERIES
- CASINO/HOTELS
- CLUBS/ASSOCIATIONS
- AMUSEMENT PARKS
- RETAIL BUSINESSES
- SERVICE BUREAUS
- BANKS/CREDIT INSTITUTIONS
- INSURANCE COMPANIES
- PUBLIC ADMINISTRATION

IDEAL FOR:

- GIFT CARDS
- PREPAID CARDS
- LOYALTY CARDS
- DISCOUNT CARDS
- CREDIT CARDS AND
  OTHER FINANCIAL CARDS
- SCRATCH CARDS

THE SOLUTION FOR CENTRAL CARD ISSUANCE
ONE INTERFACE FOR THE MULTIPLE PRO SERIES APPLICATIONS

USER FRIENDLY CARD MANAGEMENT & MODULARITY- MULTICARD is the most flexible and intelligent way to manage card production. Thanks to its user friendly interface, it guarantees a high professional graphic design and data management. Furthermore, MULTICARD + SMART have a modular structure, capable of operating either with each Pro Series module standing-alone or with in-line configurations, without changing the graphic interface. MULTICARD + SMART allow the programming of electrical personalization processes for smart cards, either contact or contactless.

MULTICARD SMART STANDARDS - MULTICARD SMART complies with most of the international and private standards, providing a full compatibility between encoding devices and smart cards such as: ISO 7816-4(T=0/T=1), ISO 14443, ISO 15693, PC/SC.

IMMEDIATE ACCESS AND MANAGEMENT OF VARIABLE DATA - MULTICARD is CIM's response to the increasing demand for sophisticated software for card production through intelligent and safe data management. It has become even more advanced with its SMART version! Intelligent and flexible, the program can not only manage different internal variable records, such as: date, time, magnetic track contents, serial or ID number of smart cards, and others, but, thanks to OLEDB and ODBC technologies, MULTICARD can also simplify the access to information available from any existing database, e.g. Oracle, SQL Server, Microsoft Office Access/Excel and DBF.

TECHNICAL FEATURES

PROCESS OF INFORMATION

MULTICARD + SMART are able to import information through the use of Magnetic Stripe readers, Contact and Contactless chip. It can then process and structure the information through direct field access.
MULTICARD + SMART database engine allows the following operations: different variable fields to be combined in the same record and fixed text to be added; partially to extract from each field, to save and control the record information concerning the production of cards, like date, time, identification.

database connection

interface	OLEDB, ODBC
encoder	Interfaces Magnetic Stripe, Contact and Contactless Chip

CARD LAYOUT

With MULTICARD SMART it is also possible to easily manage the chip memory layout (Contact or Contactless) through a friendly graphic interface that immediately communicates the internal structure of the smart card memory. INSTANT CARD SMART allows dymanic links between the smart card memory units and the database fields with electric personalization data.

CHIP MEMORY

With MULTICARD SMART it is also possible to easily manage the chip memory layout (Contact or Contactless) through a friendly graphic interface that immediately communicates the internal structure of the smart card memory. MULTICARD SMART allows dymanic links between the smart card memory units and the database fields with electric personalization data.

SECURITY

MULTICARD offers new field encryption features for EMV card personalization data processing. The data coming from the database can be encrypted/decrypted using an external software library that can implement the most common encryption algorithms, with high level of customization. In addition, the software offer a new EMV high level security password management system.

OPERATING SYSTEM

Thanks to one of the most versatile program technologies, .NET, the Software application MULTICARD+ SMART have been proven to be stable and safe.
Operating System MULTICARD: WINDOWS XP/ VISTA/7; INSTANT CARD SMART WINDOWS XP/ VISTA/7
Language MULTICARD Visual C ++ / INSTANT CARD SMART Visual C#(sharp), 32 BIT

EASY TO USE

It is very easy to use because it offers users a convenient on-line help system. It is familiar right from the installation. The installation works in the same way standard Setup software does such as with Microsoft, Coral, Sun, etc. MULTICARD can manage the jobs in batch mode by remote control: the machine set up involves a dialogue window where all the components can be configured. MULTICARD is also designed to control additional linked machines making use of the same graphic interface. There is a wizard that helps the operator to set up the parameters of the machine and of the job.

Standard Smart Card Supported *

Card Type	Standard	Encoding Devices	Application Features
CONTACT			
CHIP CARD	ISO 7816-4 T=0/T=1	Bit 4ID PC/SC	READ ATR GENERIC APDU SUPPORT
CONTACTLESS 13.56 MHz			
MIFARE 1K MIFARE 4K	ISO 14443-A	ACG MULTIISO RFID	AUTHENTICATE READ SERIAL NUMBER READ/WRITE BLOCK SECTOR TRAILER READ/WRITE
MIFARE DESFIRE	ISO 14443-A	ACG MULTIISO RFID	AUTHENTICATE READ SERIAL NUMBER FORMAT PICC CHANGE KEY CHANGE KEY SETTINGS CREATE APPLICATION CREATE/READ/WRITE STANDARD DATA FILE
MIFARE ULTRALIGHT	ISO 14443-A	ACG MULTIISO RFID	READ SERIAL NUMBER READ/WRITE PAGE LOCK PAGE
ICode SLI	ISO 15693	ACG MULTIISO RFID	READ SERIAL NUMBER READ/WRITE BLOCK LOCK BLOCK
CONTACTLESS PROXIMITY 125 KHz			
LF TAG	Format up to 64-bit	ACG 125 KHz	READ SERIAL NUMBER

* Please, contact our Sales Department for application with other Smart Card types.

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CIM
CARD IMAGING MASTER