

CENTRAL ISSUANCE  
FLEXIBLE  
PLATFORM  
FOR MID & HIGH  
VOLUME CARD  
PERSONALIZATION

**MATICA**  
TECHNOLOGIES



S7000



# The complete solution for card personalization and fulfillment applications

Leveraging a strong technology portfolio and solid engineering assets, Matica Technologies gives you a card issuance system, capable of delivering production volumes of 1,200 cards per hour and beyond. The S7000 is a modular system which supports all of the functions you require for central card issuance. Modules include multiple encoding stations, monochrome and color printing, overlay application, embossing, indent printing and tipping.

## MEET YOUR CURRENT NEEDS & FUTURE-PROOF YOUR PRODUCTION

Matica S7000 is characterized by its modularity and flexibility to make it an affordable and scalable platform for your card issuance needs. The S7000 can be configured to perfectly match your current needs, while at the same time it supports any upgrades you may require in the future to increase performance or adding card production functionalities.

The S7000 is scalable from an entry level single-function system up to a fully loaded configuration that meets the most demanding production requirements. It is capable of embossing over 1,000 cards per hour and printing up to 2,400 cards per hour, ensuring the same production rate with very high yield for chip card encoding, both contact and contactless.

## CARD PERSONALIZATION TO CARD FULFILLMENT APPLICATIONS

The S7000 platform is a complete end-to-end solution, able to combine card personalization functions with in-line mailing equipment to prepare your cards for delivery to the end user. The MS7000 Card Mailing Systems line offers flexible solutions for direct card mailing and fulfillment applications. Designed to work either as stand-alone unit or configured in-line with the modular S7000. In addition, the entire issuing and mailing environment is controlled by a single production software application, Matica's MaticardPro software package.



### APPLICATIONS

- CREDIT & DEBIT CARDS
- PRE-PAID CARDS
- NATIONAL ID
- DRIVERS LICENCE
- VEHICLE REGISTRATION
- HEALTHCARE CARD

- **Modularity & Flexibility**
- **Full Personalization Features**
- **Future Proof High Performance**



#### **INTEGRATES INTO EXISTING DATA STREAMS & WORKFLOW**

The clean architecture of the hardware and control software means that the S7000 can be added to virtually any existing production environment. With tools to convert data, the MaticardPro software can manage and produce jobs alongside other machines, and can be very useful when switching quickly between smaller batches. An excellent performance cost ratio with total cost of ownership:

- Modular, and flexible to expand over time throughout the system lifecycle
- Easy reconfiguration over time according to evolving card production needs
- Network capabilities to handle multiple systems in parallel, through a job dispatcher software

Performance is the key factor of the S7000 system, as it is able to handle multiple production jobs, enabling small batches made up of different types of cards with no reduction of the machine throughput.

#### **PROTECTED INVESTMENT**

The modularity of Matica S7000 is virtually unlimited: unlimited in the number of sections, unlimited in the features that the modules provide now and can provide anytime, unlimited in the software licensing, as no additional fees are required expanding the system. Matica gives you the power to quickly adopt the performance of your investment and adjust the personalization features together with changing business and the market demands, without hassles.

**The system includes all necessary features and options to deal with the most complex card personalization requirements:**

##### **CARD PRODUCTION OPTIONS**

- Card feeder, configurable single or multiple
- ISO and JIS high speed magnetic
- High performance multichip encoders for contact and contactless
- Color and monochrome single station and sequential printing solutions
- 1 to 4 embossing stations with front and rear indent and single or multiple tipping
- New long life, high performance LX laser in single or multiple modules
- Vision system for stock verification of incoming artwork
- Data consistency control module, to match graphics, mag and chip
- Card stackers with reject, in single, multiple, intermediate configuration, for system optimization
- Card attach, folding and insertion, off-line and in-line

##### **S7000 MODULES**

- Card feeder
- Mag encoding
- Smart card encoding
- Embossing & indenting
- Tipping, single/multiple
- Graphics printing
- Laser engraving
- Vision verification
- Final intermediate stacker
- Card attach & folding

Activation Label



Embossing &  
Color Tipping

Magnetic Stripe  
Encoding



Laser Engraved or  
Printed Images and  
Barcodes



Back Indenting  
or Laser Engraved CVV



ABRS  
Advanced Barcode  
Reader Station

Near edge-to-edge  
monochrome and color printing



Front Indenting  
with white infill



Laser  
Engraved



Laser  
Engraved

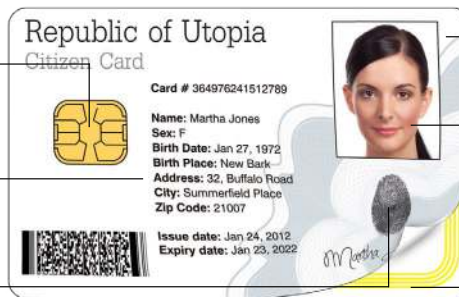
Contact Chip  
Encoding



Laser Engraved or  
Printed Text



Laser Engraved or  
Printed Biographical and  
Biometrical Data



Laser Engraved  
Micro Text



High Speed Full  
Color Photo Printing



Contactless Smart-card Encoding