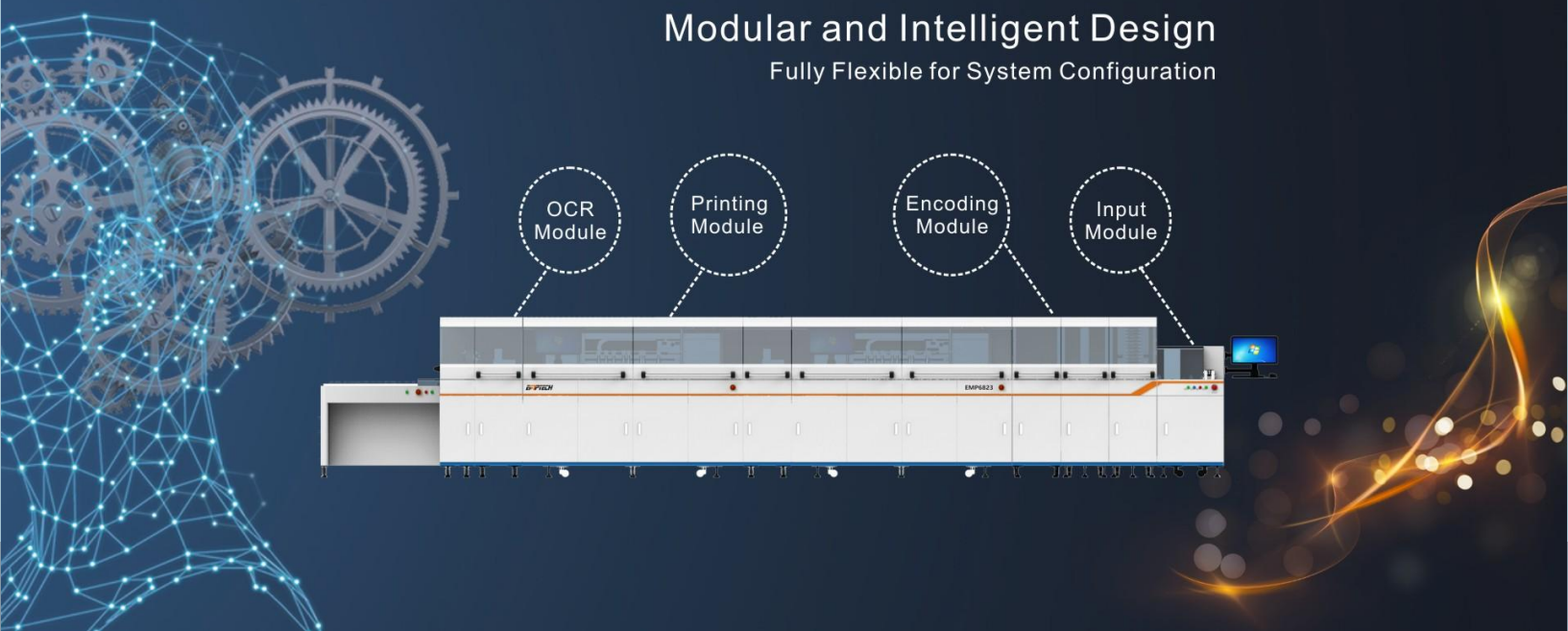


Modular and Intelligent Design
Fully Flexible for System Configuration



DoD Ink-jet Card Personalization System

EMP6823

EMP6823



The innovative DoD Ink-jet Card Personalization System EMP6823 integrates EmpTech's proven personalization platform which can be easily adapted to different printing environments. It can deliver high-quality personalized cards through simple workflow and using low cost consumables. Its high printing capacity offers a perfect **solution** for centralized issuance.

The standard system can offer a series of functions, includes Contact/Contactless Chip Programming, Magnetic Stripe Encoding, UV-inkjet Printing and optional **Labeling**. In addition, the modular design makes it possible to build an own tailored system for customers to meet different needs.

EMP6823 can support monochrome or color printing on both sides of cards, its high printing resolution helps to obtain high-quality personalized cards with true colors. Moreover, it can support edge-to-edge printing.

Compared to other products on the market, the EMP6823 differentiates through its robust mechanical design, the systematic research of best-in-class solution for each function, the additional sensors and camera to ensure full automation and control of product quality during the personalization process. It targets to cover current and future customers needs and to offer easy upgrade possibilities.

The intelligent, flexible and robust system provides a superior personalization solution that can be deployed in a variety of environments, it can be used for the issuance of ID cards, Bank cards, Health cards, Loyalty cards, Voter cards, etc.



Edge-to-edge printing with true colors



Printing speed up to 1800 cph



High printing resolution, can be up to 1200dpi



Fully automatic and simple workflow, easy operation and maintenance



Modular design, flexible **configuration** depending on requirements



Cost-effective **parts** & consumables

EMP6823

Input / Output Module



The input and output module are designed for automatic card feeding and collecting, both input magazine and output magazine can contain 1000 cards. Output module consists of output magazine and rejection bin.

OCR Module



OCR module is optional. This module is capable to check pre-printed data before personalization and also check the printed data after the completion of personalization.

Encoding Module



Encoding module supports all available encoding functions: contact chip, contact-less chip and magnetic strip. Meanwhile it possesses the highest flexibility, customer could configure the function of encoding base on their demands.

DoD Ink-jet Printing Module



EmpTech's advanced UV-inkjet Printing Module ensures high-quality true color personalization, which delivers a smooth and vivid printing performance. Printing resolution is at least 600 dpi, an optional customized transparent protection layer can be added on the full page of card or partially.

