

DATACARD® MPR5000 CARD PRODUCTION AND PERSONALIZATION SYSTEM

The First Choice For High-Quality
Low-Cost Smart Card Issuance



Datacard Group

SECURE ID AND CARD PERSONALIZATION SOLUTIONS

THE MODULAR, ALL-IN-ONE SOLUTION FOR MAX



A POWERFUL INTEGRATED SYSTEM FOR SMART CARD PRODUCTION AND PERSONALIZATION

Now, you can gain full control over the factors that determine the success of your smart card program. The Datacard® MPR5000 card production and personalization system is the world's first solution to integrate both smart card production and smart card personalization into a single platform. You can consolidate the work of multiple vendors and multiple systems into one highly efficient solution that gives you precise control over production schedules, card quality and cost-per-card. You can produce the smart cards you need on-demand. Best of all, you know precisely when cards will be ready and you can tightly monitor quality as cards are produced.

PRODUCE HIGH-QUALITY SMART CARDS ON DEMAND

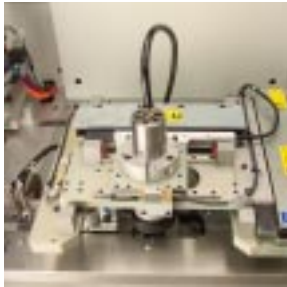
The Datacard MPR5000 system converts blank plastic cards into high-quality smart cards quickly and reliably. It provides everything you need for fast and efficient smart card production, executing every step of the production process — from card cavity milling and chip embedding to punching for GSM SIM cards and chip testing. This highly reliable system produces both contact and optional dual-interface smart cards to meet a variety of requirements. Smart card personalization is fast and convenient, too. The system is compatible with the Datacard® Smart Card Personalization Manager (SCPM), which makes the process productive and secure.

A FULL RANGE OF CARD PERSONALIZATION CAPABILITIES

After it produces smart cards, the MPR5000 system automatically transfers them to inline personalization modules. A patented barrel design features up to 48 smart card encoding heads, enabling you to maintain exceptional system throughput even with chip encoding times of 40 seconds or longer. Other personalization features, such as thermal transfer and inkjet printing, offer superb throughput and quality. You can also use the laser engraving module to add photos, text, bar codes, fingerprints, micro text, signatures and other graphics to create personalized photo ID cards.

EXCLUSIVE MODULARITY PROTECTS YOUR INVESTMENT

The MPR5000 system offers a modular design. You can add new card personalization and production modules to systems in your operation with minimal disruption to your workflow. The smart card encoding barrel is also modular, so you can start with the capacity you need today, then add more encoding heads as the volume and complexity of your program increase.



Milling Module



Embedding Module



Smart Card Personalization Module



Vision Registration and Laser Engraving Modules



IMMUM SMART CARD PROFITABILITY



AN IDEAL SOLUTION FOR A VARIETY OF MARKETS

The inline production and personalization capabilities of the MPR5000 system make it an ideal solution for card issuers in a variety of vertical markets. It delivers low-cost, high-quality cards for GSM, Pay TV and transit programs. It also is rapidly becoming a preferred solution for government ID card programs that are incorporating the advanced security features of laser engraving, as well as the power of contact and contactless smart cards.

PART OF THE WORLD'S MOST COMPLETE CARD ISSUANCE PORTFOLIO

The MPR5000 system is a powerful solution that can improve business outcomes for any card operation. In addition, Datacard Group offers a complete portfolio of high-volume card personalization systems, desktop embossers and printers, card delivery solutions, production control systems and productivity software solutions. The breadth and depth of this portfolio make Datacard Group a tremendously valuable solutions provider for the life of your card programs.

INLINE SMART CARD PRODUCTION AND PERSONALIZATION MODULES

- Card input
- Milling
- Embedding
- Plug punching
- Chip testing
- Contact and contactless smart card personalization
- Magnetic stripe encoding
- Vision registration
- Laser engraving
- Thermal transfer printing
- Inkjet printing
- Control
- Card output



WORLD LEADER IN SECURE ID AND CARD PERSONALIZATION SOLUTIONS

Datacard Group offers the world's best-selling secure ID and card personalization solutions. The company's portfolio includes systems for high-volume card issuance, card delivery, secure ID issuance and passport production, plus extensive service and supply offerings. The privately held company serves customers in more than 120 countries.



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