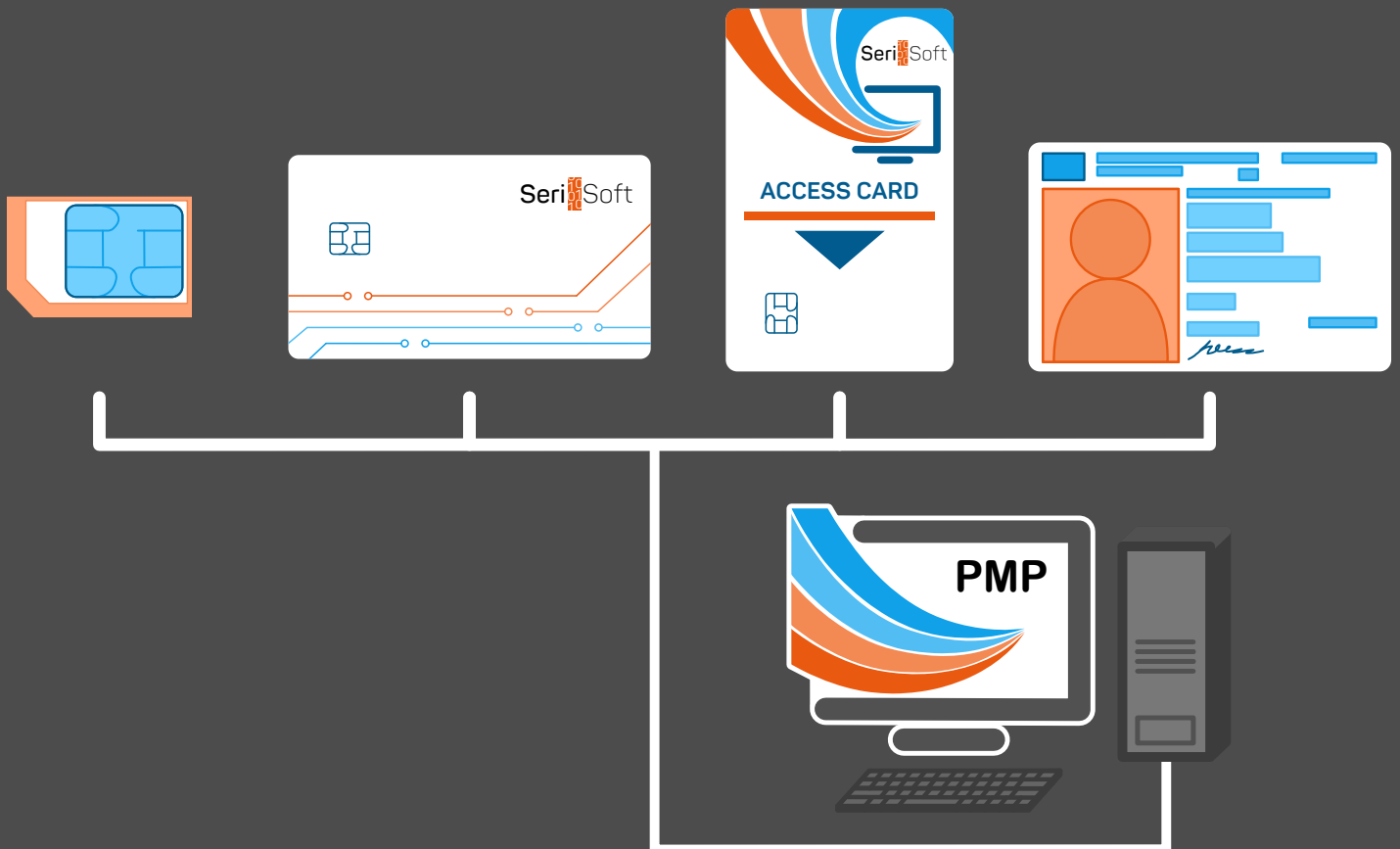


SeriSoft

Personalization Management Platform

Efficient, transparent, and secure management of the entire production lifecycle of smart cards and identity documents.



PMP - Overview

PMP is a powerful, modular platform designed to manage the complete production lifecycle of smart cards and ID documents with maximum efficiency, transparency, and security.

Created to meet the highest international standards, such as EMV for banking and ICAO for travel documents, **PMP** enables seamless control over production, personalization, mailing, and lifecycle processes.

With its intuitive interface, flexible workflow management, and robust product-management capabilities, **PMP** supports even the most complex production environments, including multi-vendor machine setups and external production sites. Standardized technologies such as GlobalPlatform Scripting ensure secure electrical personalization of high-security chips, while advanced key handling, end-to-end tracking, and comprehensive auditing provide full oversight of data, materials, and processes.

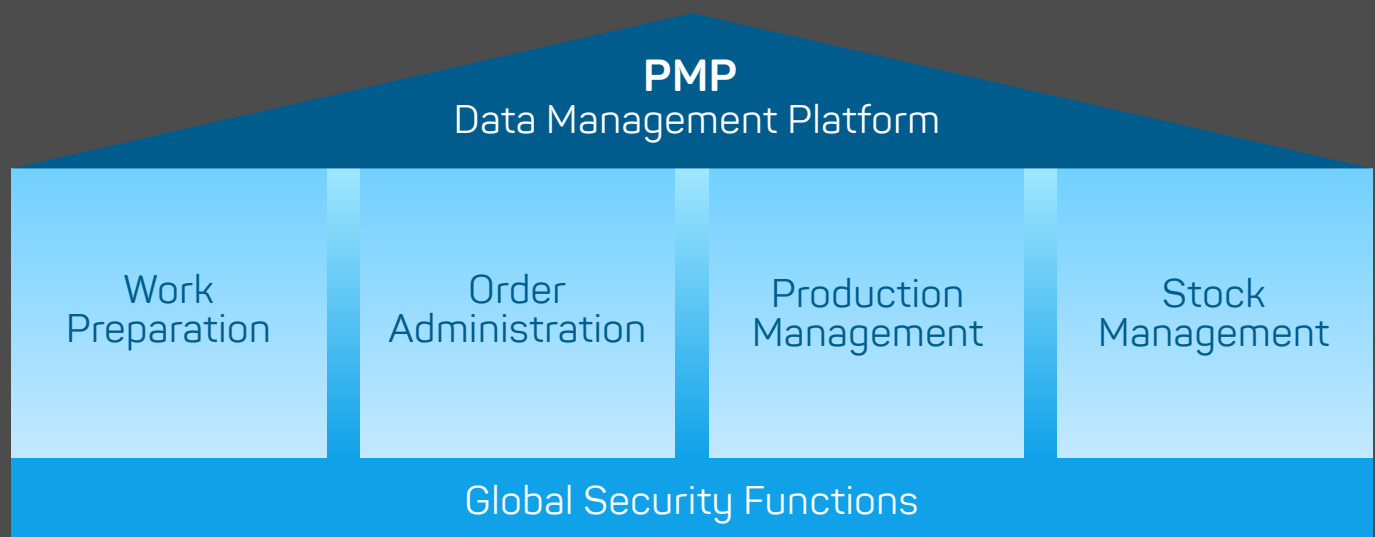
Whether used as a complete personalization and distribution solution or as a pure management system for embedded SIMs, instant issuing, and lifecycle management, **PMP** offers open integration with machines, encoders, packaging and shipping systems, stock management, and logistics - giving card issuers a single, future-proof platform for all their needs.

Benefits

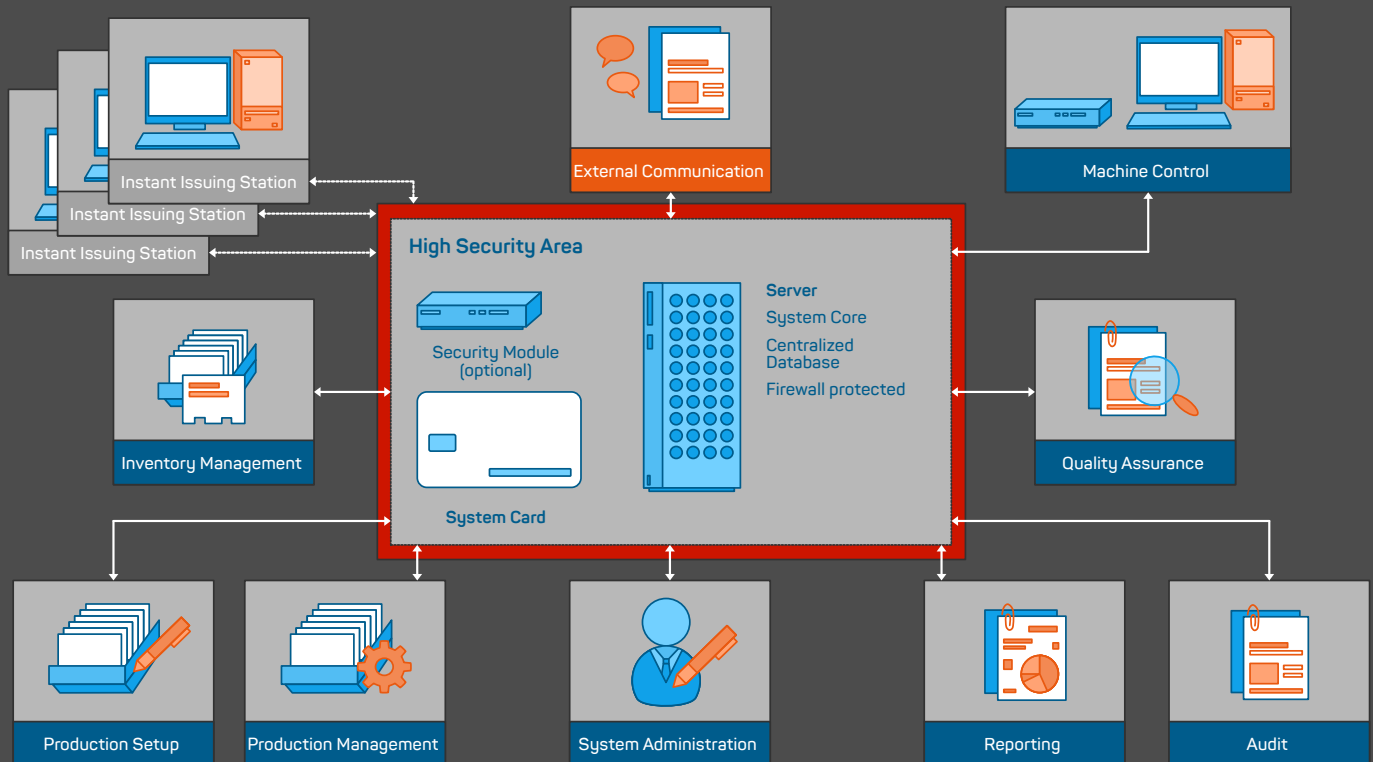
- Efficiency & Stability
- Security & Compliance
- High Flexibility
- Open Interfaces
- Intuitive Operation
- Quality Assurance

Application Areas

- **ID cards**
- **Drivers Licenses**
- **Telecommunication (GSM)**
SIM cards
- **Companies & Access Control**
Personalized employee ID cards
- **Banks & Payment Services:**
Credit and debit cards with chip encoding
- **Transport & Ticketing**
- **Healthcare**
Patient ID cards with chip functionality
- **Customer & Membership Cards**
- **Advantage cards**



PMP - System Architecture



PMP - Key Features

Flexible management of various security documents in the overall production process.

Open interfaces for data exchange with other systems.

Product Configuration & Workflow Management

Individual tracking of cards, documents & materials throughout the workflow from incoming goods up to shipment & delivery.

Inventory Management

Full control of all production orders:

- ORACLE database
- Easy management via GUI
- View individual data
- Status tracking & priority handling
- Distribute & split jobs
- Control reproduction

Order & Data Management

Management of all production & personalization keys:

- Management of issuer keys & card profiles
- Compliant to EMV & Common Criteria
- Supports central HSM (FIPS 140-2 level3)

Data Preparation & Key Management

Highly flexible & secure communication processes:

- Supports data import & export of various formats
- Adaptable PMP security for data access
- Secured data & file transfer via individual encryption
- Fully integrated into workflow & audit

External Communication

High security environment for the complete workflow:

- Common Criteria & EMV compliant
- GlobalPlatform conform role concept
- Encrypted communication
- Smart card authentication
- Ensures confidentiality, integrity & authenticity

Security & Access Control

Ensuring process integrity and product compliance through controlled validation:

- **QA check:** Verifies successful personalization
- **Manual rework:** Finishing/reworking partially personalized document
- **Invalidator:** Invalidates already personalized documents

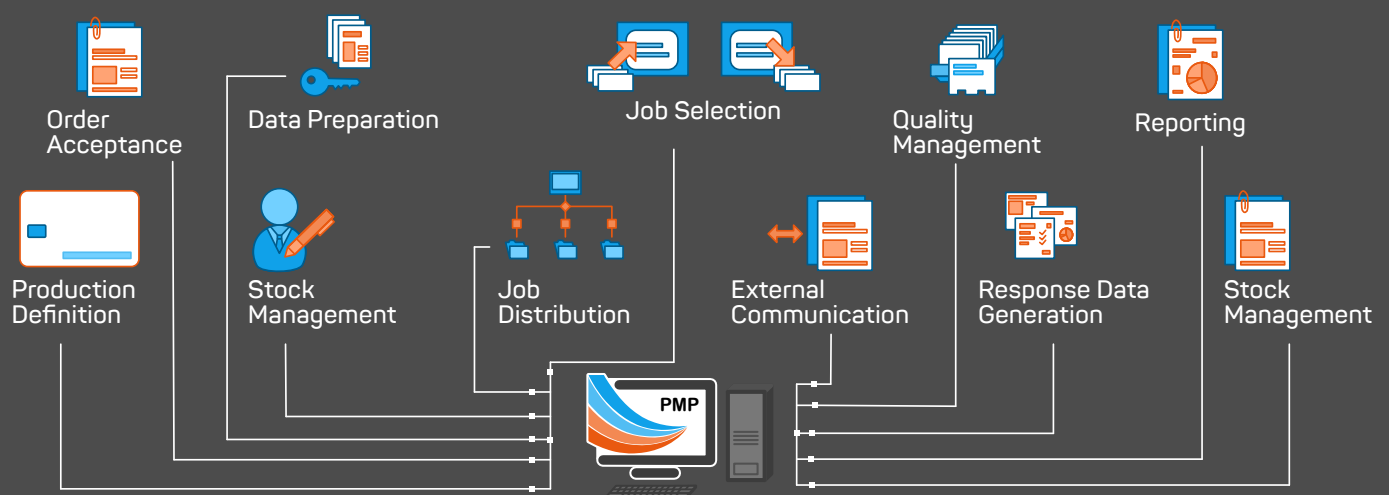
Quality Assurance

Tracking of all events in the production process:

- Each production step
- Any administrative action
- Reliable time stamp
- MAC protected
- Log workflow events & detect errors.

Audit & Reporting

PMP - Typical Workflow



**The customized workflow may vary depending on individual requirements.*



INDIVIDUALIZATION WITH PASSION



www.serisoft.de



+49 5251 54656-0



info@serisoft.de



Hohenloher Weg 37
33102 Paderborn
Germany