SeriSoft

# Personalization Management Platform - Release 6

**PMP is a powerful and flexible solution for the efficient management of smart card production, personalization, and distribution. With an intuitive user interface, open integration, and internationally recognized security standards, PMP gives you complete control over orders, data, and materials. Features such as flexible workflow management, secure key handling, end-to-end tracking, and comprehensive auditing and reporting ensure maximum transparency and security.**

## Key Features

Product Configuration & Workflow Management
Order & Data Management
Inventory Management
Data Preparation & Key Management
Audit & Reporting
Security Access Control

## Benefits

Efficiency & Stability
Security & Regulatory Compliance
High Flexibility
Open Interfaces
Intuitive Operation

## 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**

# Technical Data

## Operating System:

SuSe Linux Enterprise Server
- SuSe SLES 15 SP6 (SP7)

SuSe Linux Enterprise Desktop
- SuSe SLED 15 SP6 (SP7)

Windows Client Computer
- WIN 11

## Database System:

Oracle 19c (or 23ai, if available)

## Security Modules:

Thales Protect Server 3 External HSM
(FIPS 120-2-Level 3)
- PSE 3 available in PL25, PL220, PL3500 performance models
- PSE3+ available in PL3500 performance model only

Additional security modules (hardware and software) are optional (such as nCipher or RACAL)

## Interfaces:

- Innomotion Plugin's for AZ-machines
- UMC (Universal Machine Control) for job selection
- XOF3 (XML-based Order Format):
- XML-based order and product interface
- SOAP
- CRYPTOMAThIC CardInk
- Customized filters

## Cryptographic Algorithms & Tools:

- EC, RSA (asymmetric)
- DES, DES2, DES3, AES (symmetric)
- MAC, Retail-MAC, DES3-MAC, DES3-CMAC, AES-MAC, AES-CMAC
- PKI key cards like CardOS V6 from EVIDEN
- Others on request

## Chip Personalization Applications & Technologies:

- GPS – Global Platform script interpreter supporting Protocols: SCP01, SCP02, SCP03
- Chiptypes on request


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