



Instant Issuance on MULTOS

for Dual Interface MULTOS step/one with
MICA

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- Card and Application Management
- Multi Application, -Issuer, -Personalisation Bureau
- Key Management
- Data Preparation
- Bulk Issuance
- Instant Issuance
- EMV Scripting
- Post Issuance Personalisation

- **Improved Customer Service**
 - Customers get their cards instantly as opposed to waiting up to a week to receive their cards
 - Less inconvenience for lost/stolen cards
- **Increased Revenue**
 - The client in the branch is also a sales opportunity
 - The cardholder can start using the card instantly, leading to more income from interest and interchange
- **Lower Infrastructure Costs**
 - Desktop card printers are far cheaper than bulk issuing equipment
- **Lower Distribution Costs**
 - In countries where the mail system are unreliable, card distribution by secure courier can cost up to 20 times more than the card itself. This cost is eliminated by instant issuance.
 - Less administration and reproduction costs due to cards lost in mail

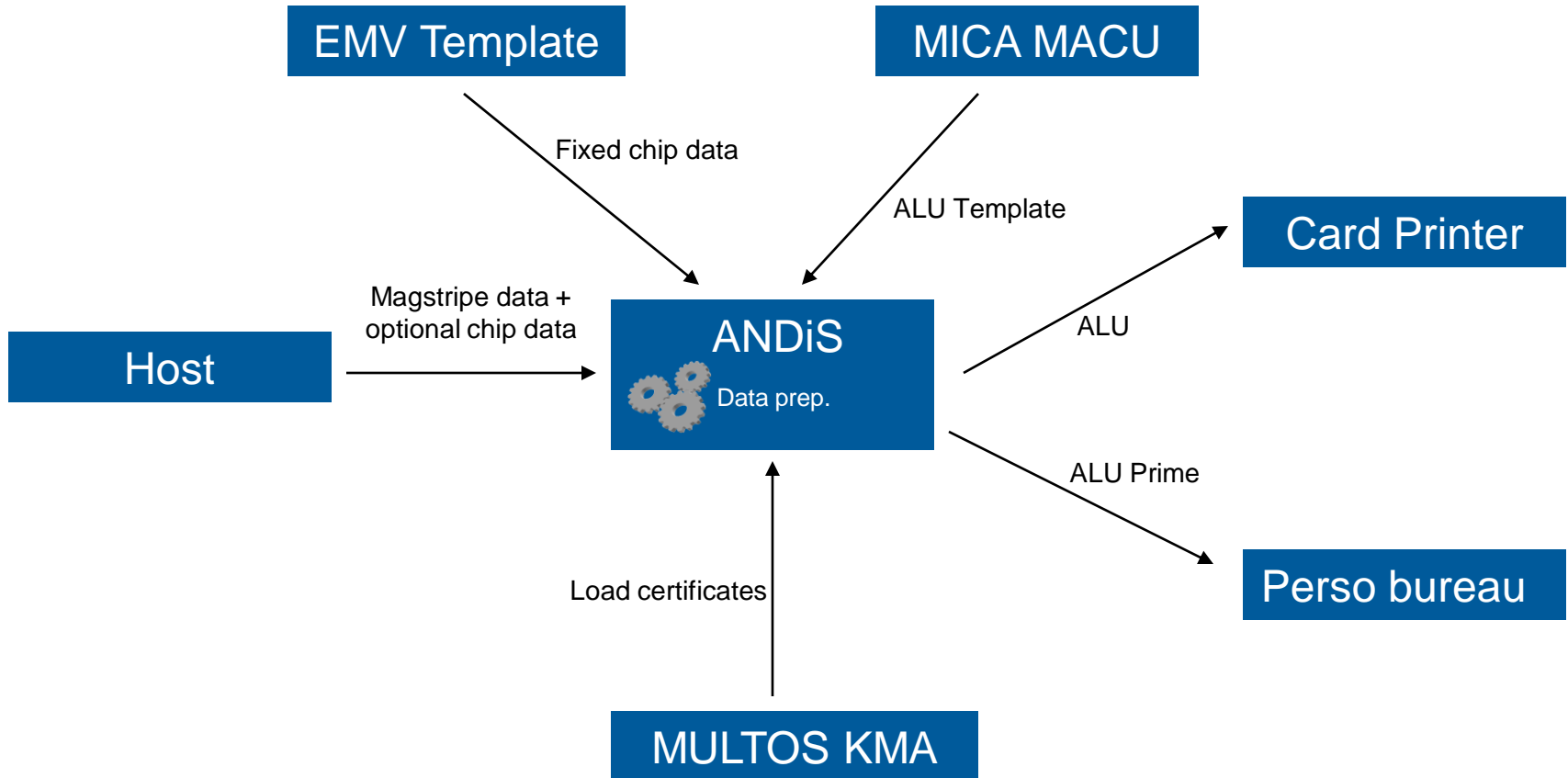
- ANDiS Server Components
 - Product management
 - Life cycle management
 - Data preparation
 - ALU generation
 - Personalisation command generation
 - Web Services
 - Access Control
 - Audit Trails
 - Stock Management
- Instant Issuance Client
 - Fully automatic and manual operation modes
 - Supports all mainstream Desktop Card Printers
 - Multiple printers per station
 - Multiple card types per station
 - End of Day reporting for Stock Management

- **Demonstration**

- Get a fully functional PayPass demonstration card with your name on it.
- Change the card parameters using EMV Scripting.
- Change the PIN using I-PIN

- **Demo Configuration**

- PayPass M/Chip dual profile MICA application as well as PPSE.
- The ALU Templates are created using MACU Release 2
- Realtime card request, dataprep, ALU generation and personalisation
- Desktop card printer specially designed for financial applications



- MasterCard Credit Application
- Profiles
 - **PayPass MSD (Contactless)**
 - Dynamic CVC3
 - Static CVC3
 - **PayPass M/Chip (Contactless)**
 - SDA
 - Online PIN, Signature, No CVM
 - DDA not available on MULTOS step/one
 - **M/Chip (Contact)**
 - SDA
 - Offline PIN, Online PIN, Signature
 - DDA not available on MULTOS step/one

- MasterCard Customisation Utility – Release 2
- ALU with symmetric signature
- Dual Profile (Contact & Contactless)
 - Some parameters share the same tag between the contact and contactless profiles
- PPSE is loaded as a separate application

- Image Selection / Photo ID
 - Integrated workflow
- Various printers supported:
 - HID/Fargo
 - Evolis
 - DataCard
 - Matica
 - Dai Nippon
- Printer Types
 - Embossing
 - Indenting
 - Thermal Printing
 - Reverse Image
- Financial card printers has additional security features:
 - Secured input hopper
 - Secured waste hopper
 - Internal output hopper
 - PIN Activation

- Multi Channel
 - Internet (I-PIN)
 - IVR (Interactive Voice Response)
 - SMS
 - ATM
- PIN Synchronisation
 - Online PIN
 - Offline PIN
 - PIN in Cardholder's Head



Thank you for your attention!

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