

EMV ATM Migration Guidance

Understanding the EMV migration challenges and learning how to define, architect and manage an ATM migration program

Presentation

This educational seminar enables attendees to explore and evaluate EMV ATM business and technical challenges of migrating and focus on how to get started designing and planning for a successful ATM EMV migration program

Key points

- Trainers having an operational experience of EMV implementations
- Review of expected business changes and migration impacts, focusing on contact EMV and extending to contactless and mobile
- In-depth review of migration paths and constraints, including testing and certification requirements, timelines and skillsets needed
- Possible extension with Networks' specific requirements

Target

Targeted audience includes any Independent Sales Organization's (ISO), Independent ATM Deployer's (IAD), Issuer's or Processor's staff member involved in EMV migration projects, e.g. solution architects, product managers, service managers, project managers, business analysts...

Duration

- 1 day

Pre-requisite

The seminar requires participants to have basic knowledge of card systems

Customization upon request

The content of this training can be modified or complemented to meet customer-specific requirements. Please contact us for customization requests and availability of trainers

Trainers

Experts in payment systems, having a concrete experience of migrating ATMs to EMV

Language

This course is given in English

Price

Contact us

Documentation

Slide deck
Card & Payment Acronyms

About Galitt

Over 20 years of chip card and EMV related payment experience

Galitt is recognized for delivering innovative projects using advanced smart card technology & defining flexible payment architectural solutions

Program

Morning

1. Overview of EMV

- **History and EMV trends**
EMVCo members & roles, trends, significant events
- **Scope of EMV specifications**
Levels of standards and requirements involved in contact and contactless EMV specifications
- **EMV migration in the world**
- **US market**
US EMV migration plans of Global and Regional Networks
- **On-going and upcoming developments**
Leveraging EMV, adding other applications to EMV, NFC Mobile Devices

2. Preparing for Business Changes & Impacts

- **EMV Business Drivers**
Fraud, liability shift, Payment Networks rules
- **EMV transaction, fundamentals**
Magnetic stripe transactions vs. EMV chip transactions, application selection, multiple applications
- **US common debit AID**
Key principles
- **Additional applications to EMV**
Donation, couponing, transport, loyalty...
- **Mobile**
Customer interaction, QR Code, Topless ATM
- **Costs and benefits for ATM owners**
One-off costs, recurrent costs and revenues

Afternoon

3. Designing an ATM Migration Program

- **Dedicated EMV requirements**
Software, hardware & security recommendations
- **Migration key issues**
Upgrade or replace? Application selection, possible transactions scenarios, communication to customers
- **Back-office and front-end upgrade**
New interface and message formats to support chip data, new rules for disputes & liability
- **Testing and certification**
EMVCo Type Approval, PCI Approval, Brand's End-to-End Testing
- **Zoom on PIN change possibilities**
New function on chip, challenges, risks

4. ATM Migration Planning

- **Key questions**
Evaluate hardware and software, EMV implementation choices (AID selection, functionalities, communication to customers, impacts on Back-end Systems)
- **Tasks per project phase**
Decision, preparation, solution development, testing implementation, pilot and roll-out

Due to the continuous changes, the content of the seminar is updated regularly