

EMV Acquirer Migration Guidance

Understanding the EMV migration challenges and learning how to define, architect and manage an Acquirer's migration program

Presentation

This educational seminar enables attendees to evaluate the business and technical challenges and impacts of the EMV migration for acquirers and to start designing and planning an efficient implementation and a smooth migration of the required EMV acquiring infrastructure

Key points

- Trainers having an EMV operational and implementation experience
- Review of expected business changes and migration impacts of contact, contactless and mobile EMV implementations
- In-depth review of migration paths and constraints, including testing & certification requirements, timelines and skillsets needed
- Possible course expansion to include Networks' specific requirements

Target

Targeted audience includes any Acquirer'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 seminar can be modified and enhanced 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 EMV implementations

Language

This seminar 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

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Program

Morning

1. Overview of EMV

- **Scenery**
Forces at work, key features of EMV chip cards, EMVCo
- **Scope of EMV Specifications**
Scope, documentation
- **EMV in the World**
EMV migration history, status
- **US EMV Migration**
Network's plans, EMF (EMV Migration Forum), EMF working committees
- **On-going and upcoming developments**
Chip a platform for evolution, NFC mobile

2. EMV Drivers & fundamentals

- **EMV Business Drivers**
Fraud, off-line processing capabilities, liability shift
- **EMV transaction, fundamentals**
Additional applications to EMV (loyalty, transport, healthcare, e-ID...), GlobalPlatform, new applications & new partners
- **EMV transaction, fundamentals**
Magnetic-stripe transactions vs. EMV chip transactions, EMV transaction flow, EMV application selection, CVM (Cardholder Verification Method), how CVM matching works, online CAM (Card Authentication Method), offline CAM, summary of networks' requirements
- **EMV Card Profiles**
US credit cards examples, US debit cards examples
- **EMV Migration Program**
Costs and benefits

Afternoon

3. Designing the Acquirer Migration Program

- **Impacted Domains**
Overview, infrastructure & commercial aspects
- **Key issues for Acquirers**
Application selection, credit card acceptance, debit card acceptance (common US AID, routing table, CVM options, PIN preferring merchants, fast transaction preferring merchants), ATM specifics
- **Terminal and Infrastructure Preparation**
EMV approved terminals, terminal management system
- **Upgrade back-office and front-end**
Back-office changes, front-end changes, key management
- **Testing and Certification**
Required testing phases, acquirer host testing, terminal End-to-End / integration testing, production validation test

4. Implementing the Migration

- **EMV Acquiring Migration Project**
Major phase and milestones, going through decision, preparation, solution development, implementation testing, implementation pilot, roll-out phases. Project timeframe

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

