Visa and MasterCard Certification Training

11 - 15 Aug 2025
Cairo

AGILE LEADERS
Training Center

Visa and MasterCard Certification Training

Ref.: 36230_256071 **Date:** 11 - 15 Aug 2025 **Location:** Cairo **Fees:** 4100 **Euro**

Visa and MasterCard Certification Training Overview:

This specialized training program is tailored to inform issuer banks about the intricacies of the Mastercard and Visa certification processes. It provides comprehensive guidance on each step of the integration process, equipping issuers with the knowledge and tools necessary to implement new cards seamlessly. Participants will gain a deep understanding of the Mastercard and Visa integration processes, identify potential challenges at each stage of the certification process, and develop strategies to overcome them effectively.

Target Audience:

- Issuer banks
- Card program managers
- Payment system integrators
- Compliance officers
- Financial institution executives

Targeted Organizational Departments:

- Card Operations
- Product Development
- Risk Management
- Compliance
- IT and Technology

Targeted Industries:

- Banking and Financial Services
- Payment Processing
- Fintech
- Retail
- E-commerce

Course Offerings:

By the end of this course, participants will be able to:

- Understand the Mastercard and Visa integration processes in detail.
- Identify and address challenges encountered during the certification process.
- Implement best practices for seamless card integration.
- Develop strategies to optimize card program efficiency and compliance.
- Utilize Mastercard and Visa certification tools effectively.

Training Methodology:

This course employs a blend of interactive lectures, practical demonstrations, and hands-on exercises to facilitate learning. Participants will engage in:

- Step-by-step walkthroughs of the Mastercard and Visa integration processes.
- Case studies highlighting real-world integration challenges and solutions.
- Group discussions to share insights and experiences.
- Q&A sessions with industry experts.
- Feedback sessions to assess understanding and address queries.

Course Toolbox:

Participants will receive access to:

- Training materials and resources
- Mastercard and Visa certification guides
- Case study materials
- Integration process templates

Course Agenda:

Day 1: EMV Overview and Certification Basics

- **Topic 1:** EMV History, Key Players, and Definitions
- **Topic 2:** Overview of EMV Specifications
- **Topic 3:** Multi-Application Standards MULTOs, GP
- **Topic 4:** EMV Card & Terminal Certifications
- **Topic 5:** Acquirer and Issuer Certification Processes
- **Topic 6:** Certification Requirements for Visa & MasterCard
- **Reflection & Review:** Insights on EMV Foundations and Certification Basics

Day 2: Key Management and Security in EMV

- **Topic 1:** EMV Security Algorithms RSA, T-DES, SHA-1, Key Derivation, etc.
- **Topic 2:** Online and Offline Data Authentication Algorithms SDA, DDA & CDA
- **Topic 3:** Offline & Online PIN Encryption Techniques
- **Topic 4:** Terminal Public Key Management

- **Topic 5:** Issuer T-DES Key Management
- **Topic 6:** Hands-on Exercise: Encryption & Key Management Scenarios
- **Reflection & Review:** Key Takeaways on Security and Key Management

Day 3: EMV Transaction Workflow and Integration Steps

- **Topic 1:** Application Selection Process
- **Topic 2:** Initiating Application Processing
- **Topic 3:** Reading Application Data and Analyzing Data Elements
- **Topic 4:** Online Data Authentication and Processing Restrictions
- **Topic 5:** Cardholder Verification and Risk Management
- **Topic 6:** Issuer Scripting
- **Reflection & Review:** Key Learnings from EMV Transaction Workflow

Day 4: Issuing & Acquiring Systems and Additional Implementations

- **Topic 1:** Requirements for EMV Issuing Systems
- **Topic 2:** EMV Acquiring System Requirements
- **Topic 3:** EMV Personalization System Guidelines
- **Topic 4:** Online Messaging Formats and System Integration
- **Topic 5:** Advanced EMV Chip Authentication Programs CAP and DPA Standards
- **Topic 6:** EMV Display Cards and Prepaid Standards
- **Reflection & Review:** Advanced Insights on Issuing, Acquiring, and Implementation

Day 5: Advanced EMV Implementations and Final Assessment

- **Topic 1:** Utilizing Advanced EMV Chip Authentication Programs CAP
- **Topic 2:** Dynamic Passcode Authentication DPA Standards
- **Topic 3:** Understanding EMV Display Cards Features
- **Topic 4:** Exploring EMV Prepaid Standards
- **Topic 5:** Case Studies: Implementing EMV Standards in Real-world Scenarios
- **Topic 6:** Final Assessment: Application of Course Learnings
- **Reflection & Review:** Course Highlights and Final Takeaways

How This Course is Different from Other Courses:

This course stands out due to its:

- Focus on both Mastercard and Visa integration processes
- Comprehensive coverage of key certification stages and challenges
- Hands-on approach with practical exercises and case studies
- Emphasis on industry best practices and optimization strategies
- Access to specialized certification tools and resources

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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Gamified and
Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

Our Training
Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

Where to
Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

Malaysia	Morocco	Spain	France	UK	Italy	Egypt	Turkey	Georgia	Azerbaijan	UAE
Kuala Lumpur	Casablanca	Barcelona	Paris	London	Rome	Cairo Sharm El-Sheikh	Istanbul	Tbilisi	Baku	Dubai

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