



More than the standard

EMV[®] 3-D Secure Services

Protocol and Service Process to increase the Security of Online (eCommerce) Payments

EMV® 3-D Secure (3DS) is a messaging protocol that enables consumers to authenticate themselves with their card issuer for card-not-present (CNP) e-commerce purchases.

The three domains of 3DS are:

- Acquirer domain
- Interoperability domain
- Issuer domain



Overall Test Scope

Message Flow, GUI, Security, Performance, Message Contents, Message Error Handling, Message Processing

Current Lab Accreditation

- ACS (Access Control Server)
- 3DSS (3DS Server)
- DS (Directory Server)



The Certification Process

Registration & Contract

- EMVCo Product Provider Registration
- Contract for Test Platform Services
- Contract for Lab Services

Pre Compliance

- Pre-Compliance Testing (Self-Testing)
- Test Result Validation by **cetecom advanced**
- Pre-Compliance Report

Compliance

- ICS Submission to EMVCo
- EMVCo ICS Approval
- Compliance Testing (Self-Testing)
- Test Result Validation by **cetecom advanced**
- Compliance Report

EMVCo Approval

- Compliance Report Submission
- Request for Approval Submission
- EMVCo Report Review
- LoA Issuance



• Accreditations for 3DS Server (3DSS), Directory Server (DS) and Access Control Server (ACS)

• Partner of ATOMWORKS:

<https://www.atomworks.io/partner-labs>



• Leading and independent full service provider for testing and certification in the field of payment & identification

• A single contact provides reliable support and advice, as well as a detailed project analysis based on your specific requirements.

Contact



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