

Discover Certification

Security evaluation and functional testing of contact and contactless smart cards and payment terminals according to Discover specifications



Discover payment cards must pass a specific approval process before entering in the market in order to certify its security, functional compliance and global interoperability. The set of tests required by Discover must be conducted by an accredited laboratory. Moreover, discover payment application (D-PAS) must be implemented on [an IC certified by EMVCo \(security\)](#).

Solution

Applus+ Laboratories is recognized by Discover to conduct functional test and security evaluations according to Discover specifications. We are also and EMVCo-accredited laboratory and GlobalPlatform qualified laboratory, thus we are able to perform the complete set of tests required in the Discover Approval Process.

Contact Cards

- Contact D-PAS Card Application – Security Evaluation
- Contact D-PAS Card Application – Functional Testing
- [GlobalPlatform Compliance tests](#)
- Contact L1 - electrical and protocol (EMV L1)

Contactless Cards

- Contactless D-PAS Card Application – Security Evaluation
- Contactless D-PAS Card Application – Functional testing
- Contactless D-PAS Card Application – Cross Testing

- Contactless ZIP Card – Security Evaluation for contactless cards using MEG Strip Data instead of EMV Data
- [GlobalPlatform Compliance tests](#)
- Contactless L1 - analogue and digital (EMV L1)

Terminals

- Contactless D-PAS Terminals Application Functional Testing
- Contactless D-PAS Terminals Application Cross Testing

Our expertise allows us to participate in the earliest stages of product development to speed up the certification process:

- Development testing
- Pre-evaluation testing
- Pre-certification testing (quality analysis)
- Technical consulting in documentation
- Process consulting
- Certification testing

Benefits:

- One stop shop to certify your payment solution security and functional compliance according to Discover and other payment schemes (including EMVCo and GlobalPlatform tests)
- Speed up the certification process.