

Mastercard Certification

Security Evaluation of mobile and smart card payment solution according to MasterCard Compliance Assessment and Security Testing (CAST)



All Mastercard chip-based solutions must be compliant with Mastercard Compliance Assessment and Security Testing (CAST). The CAST program evaluates the security requirements of payment applications implemented on [contact cards](#), [contactless cards](#) and [secure elements for mobile payment](#).

To comply with Mastercard specifications, payment applications for chip based solutions must run on an IC certified by EMVCo.

Security Lab Accredited by Mastercard

Applus+ Laboratories is accredited by Mastercard to perform security evaluations on different type of technologies (native, JavaCard and MULTOS solutions):

We are recognized evaluate the security of the following payment solutions:

- Mastercard CAST for Contact Cards (M/Chip Lite, M/Chip Select and M/Chip Advance)
- Mastercard CAST for Contactless Cards (M/Chip Advance and PayPass)
- Mastercard CAST for Secure Elements (MMPP)

Applus+ is also able to perform security evaluations on Mastercard HCE products:

- Mastercard Cloud-based Payments (MCBP)



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

Applus+ Laboratories is also [accredited by EMVCo](#) and [qualified by GlobalPlatform](#).

Benefits:

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