Payment terminal testing

Streamline their product time to market, avoiding iterations and redesigns during the certification process. Applus+ offers a wide range of services to terminal vendors who aim functional and security evaluation for their payment and terminal product.

More than testing: Focused in service quality and time to market

1. Training (open courses)
   - Payment terminal specifications training
   - Certification preparation and accompaniment
   - Common Criteria and hardware devices security testing training
   - PCI-PTS Technical assistance
   - Audit and guidance on testing strategy
   - Test scheme definition
   - Management and preparation

2. Pre-evaluation
   - Functional debug sessions (online, in-house or in the laboratory)
   - NFC Antenna Parameters
   - Interoperability testing
   - PCI PTS and Common Criteria GAP Analysis

3. Evaluation for official certification
Interoperability services
Common Criteria security evaluation
Type Approval according payment schemes (L1, L2 and interoperability)

4. Applus+ Independent Assessment

- Independent technical security assessment client oriented (besides certification)
- Independent report that verifies the product compliance with EMVCo and payment schemes specifications.

Why Choose Applus+ Laboratories

High expertise in payment industry
Flexibility and capacity
Functional and security services in the same facilities (synchronized time schedule)
Service Excellence, recognized by Visa in 2017 and 2018 as 'Best Performance for Testing Services of Card Acceptance Device Products'

Functional Accreditations

EMV
- PCD L1 (Cless)  
  NEW 3.0 Spec
- PCD Interoperability
- IFM L1 (CT)
- CT Kernel L2
- Kernel C-3 L2
- Kernel C-4 L2
- Entry Point
- Performance
- Modular and independency
- EMV ESD

Visa
- Visa payWave (POS / mPOS Tap to Phone)
- Visa VOQOS (for transport)
- Interoperability (POS / mPOS Tap to Phone)

Discover
- Contactless D-PAS (Functional, Cross Testing, ZIP)

Amex
- ExpressPay
- Interoperability

Security Accreditations

Common Criteria (CC)
- Security boxes and similar devices