



The Common Functional Certification Framework

nexo IS v5.0 POI Certification Scope Phasing

May, 2026

Agenda

- ▶ Phased Approach for tool qualification and evaluation
- ▶ Phase 1
- ▶ Phase 2



- Phased Approach for Tool Qualification and Evaluation

- Phase 1 - Accelerated Delivery of a First Version

- The goal of Phase 1 is to accelerate the delivery of a first version of the tool by focusing on a limited but consistent scope. It includes only a subset of the mandatory functionalities, focused mainly on "online only" solutions, with a very limited set of offline transactions. The aim is to enable a faster qualification of the tool so that v5 solutions can be certified sooner based on this reduced scope (even if additional functionalities may already be developed but not yet tested).*

- Phase 2 - All mandatory features

- Phase 2 extends the initial scope of Phase 1 by covering all remaining mandatory features. This phase includes all features mandated by both CB and girocard, even though the complete test plan is not yet fully covered. Optional functionalities may already be implemented but are not yet part of the validated scope.*

- Final Phase – Full Scope Testing

- Final phase consists in testing the complete functional scope of the tool. This phase ensures the comprehensive validation of all expected features, beyond the limited perimeter used in Phase 1 and 2.*



CFCF
Common Functional
Certification Framework

Phase 1

Phase 1



- These are the common features required by both CB and girocard for CFCF certification for an attended terminal for in store payment

Common requirements



- ONLINE capable
- ATTENDED
- RECONCILIATION
- ENTRY POINT
- Kernel 2 (EMV mode only)
- Kernel 3
- *CPACE Kernel*
- DUKPT 2009
- DUKPT AES
- TMS_MSG_XCHG
- CONTACT acceptance technology
- *Contactless acceptance technology*
- EEA Choice of application Upfront Button only
- Receipt Duplication
- Cardholder receipt printed first (RCPT_CRDDR_1ST)
- Receipts on demand (bulletin #25)
- PIN REQUEST

Phase 1



- Additional scheme-specific requirements - Current situation for POI supporting all acceptance technologies

Cartes Bancaires Requirements



- OFFLINE capable
- Exception File
- Partial Approval

girocard requirements



- TCC Overload
- ~~girocard Kernel*~~

** The girocard Kernel will be phased out in favour of the CPACE Kernel, which is already required for both CB and girocard.*



CFCF
Common Functional
Certification Framework

Phase 2

nexo IS v5.0 POI Certification Scope Phasing

Phase 2



- These are the common features required by both CB and girocard for CFCF certification for an attended terminal for in store payment

Common requirements



- ONLINE capable
- ATTENDED
- RECONCILIATION
- ENTRY POINT
- Kernel 2 (EMV mode only)
- Kernel 3
- CPACE Kernel
- DUKPT 2009
- DUKPT AES
- TMS Trigger (phase 2)

- TMS_MSG_XCHG
- CONTACT acceptance technology
- Contactless acceptance technology
- EEA Choice of application Upfront Button only
- EEA Choice of application – others (phase 2)
- Receipt Duplication
- Cardholder receipt printed first (RCPT_CRDDR_1ST)
- Receipts on demand (bulletin #25)
- PIN REQUEST

Phase 2

- Additional scheme-specific requirements - Current situation for POI supporting all acceptance technologies

Cartes Bancaires Requirements



- *OFFLINE capable*
- Exception File
- Partial Approval
- *TMS Report (Phase 2)*
- *Reconciliation Receipt Print (Phase 2)*
- *FORCE_ONLINE_SUPPORTED (Phase 2)*

girocard requirements



- TCC Overload