nexo / CFCF - Implementation Conformance Statement for POI

Version 4.0.6

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Object |
| 4.0.0 | 12/07/2018 | nexo IS / CFCF | Alignment with nexo IS v4.0 |
| 4.0.1 | 12/03/2020 | nexo IS / CFCF | Reconciliation support clarifiedKernel 2 Magstripe Mode out of scope |
| 4.0.2 | 25/03/2020 | nexo IS / CFCF | OTHER\_CURRENCY added |
| 4.0.3 | 11/05/2020 | nexo IS / CFCF | §2 updatedTerminal architecture option “PIN-Pad” added in §3.2 |
| 4.0.4 | 17/06/2020 | nexo IS / CFCF | Editorial changes |
| 4.0.5 | 01/06/2021 | nexo IS / CFCF | SEPARATE\_PINPAD added |
| 4.0.6 | 01/12/2021 | nexo IS / CFCF | ACQ, TMS, Payment, Cancellation, Refund added |

Table of Contents

[1 Introduction 5](#_Toc89278633)

[2 References 6](#_Toc89278634)

[3 POI Identification 7](#_Toc89278635)

[3.1 POI Provider Identification 7](#_Toc89278636)

[3.2 nexo POI Identification 8](#_Toc89278637)

[3.3 POI Kernel Identification 10](#_Toc89278638)

[3.3.1 EMVCo Contact Level 2 Kernel 10](#_Toc89278639)

[3.3.2 EMVCo Entry Point (Book A & B) 10](#_Toc89278640)

[3.3.3 Contactless Kernel 1 10](#_Toc89278641)

[3.3.4 Contactless Kernel 2 10](#_Toc89278642)

[3.3.5 Contactless Kernel 3 10](#_Toc89278643)

[3.3.6 Contactless Kernel 4 11](#_Toc89278644)

[3.3.7 Other contactless Kernel supported (optional) 11](#_Toc89278645)

[4 Implementation Conformance Statement 12](#_Toc89278646)

[4.1 Hardware 12](#_Toc89278647)

[4.2 HAP Configuration 12](#_Toc89278648)

[4.3 Terminal Type 12](#_Toc89278649)

[4.4 Application Profile 13](#_Toc89278650)

[4.5 Cardholder Verification 13](#_Toc89278651)

[4.6 Card Authentication 13](#_Toc89278652)

[4.7 Languages 13](#_Toc89278653)

[4.8 Card Payment Exchanges 14](#_Toc89278654)

[4.9 Acceptance technology 15](#_Toc89278655)

[4.9.1 Chip with contact reader capabilities 15](#_Toc89278656)

[4.9.2 Contactless 16](#_Toc89278657)

[4.10 nexo-FAST Extensions 17](#_Toc89278658)

[4.11 nexo Protocols 17](#_Toc89278659)

[4.12 Security 17](#_Toc89278660)

[4.13 Services 18](#_Toc89278661)

[4.14 Terminal Management 18](#_Toc89278662)

[4.15 Additional Capabilities 19](#_Toc89278663)

[4.16 Transaction Receipts 20](#_Toc89278664)

[5 Data Elements Description 21](#_Toc89278665)

[5.1 Permanent terminal specific data for the template E0 21](#_Toc89278666)

[5.2 Terminal specific data for the template E1 21](#_Toc89278667)

[5.3 POI Capabilities 22](#_Toc89278668)

[5.4 Transactions storage 23](#_Toc89278669)

[5.5 Merchant Authentication 23](#_Toc89278670)

[5.6 Maximum Amount 23](#_Toc89278671)

[6 Comments and Explanations 24](#_Toc89278672)

[7 Test Laboratory Identification 25](#_Toc89278673)

[7.1 Identification 25](#_Toc89278674)

[8 ICS Status 26](#_Toc89278675)

# Introduction

This Implementation Conformance Statement is a structured document describing capabilities and specific requirements implemented by the product (POI) submitted for testing. This template must be completed in order to initiate the certification process based on nexo standards and CFCF certification requirements.

For CFCF this ICS will be part of the certificate issued by the CFCF Certification Body, in addition the ICS provides information about the implementation. The CFCF process of testing and certification is described in [CFCF policies].

# References

The current POI ICS is related to the following references:

| **Reference** | **Document title and availability** | **Provider** |
| --- | --- | --- |
| [nexo IS] | nexo Implementation Specifications v4.0, 22/12/2017Publicly available at: [www.nexo-standards.org](http://www.nexo-standards.org/) | nexo AISBL |
| [nexo IS Scope] | nexo IS Functional Scope, version 4.0, 06/03/2018Publicly available at: [www.nexo-standards.org](http://www.nexo-standards.org/) | nexo AISBL |
| [nexo IS translation] | NIS v4.0 – Annex Display and Receipt Messages Translations v1.1, 19/03/2020Publicly available at: [www.nexo-standards.org](http://www.nexo-standards.org/) | nexo AISBL |
| [CFCF policies] | CFCF Terminal and Acquirer Certification Policy CFCF Certification Administrative Process (Annex 1)CFCF General Evaluation Procedure for Terminal & Acquirer (Annex 2) CFCF Procedure for Test Tool Validation (Annex 3) CFCF Reference list for implementation and certification (Annex 4) CFCF Change Management of CFCF Certificates (Annex 5)Publicly available at: [www.cfcf.eu](http://www.cfcf.eu/) | CFCF |

# POI Identification

## POI Provider Identification

|  |
| --- |
| POI Provider Identification |
| **Company Name:** | Click Here to Enter Text. |
| Main Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |
| Backup Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |

## nexo POI Identification

|  |
| --- |
| nexo POI Application Identification |
| **Marketing Name:** | Click Here to Enter Text. |
| **nexo Registration Number ([[1]](#footnote-1)):** | Click Here to Enter Text. |
| **Version:** | Click Here to Enter Text. |
| **Checksum:** | Click Here to Enter Text. |
| **Checksum algorithm:** | Click Here to Enter Text. |
| **Standard Compliance (nexo IS version)** | 4.0 |

|  |  |  |
| --- | --- | --- |
| Terminal architecture | Definition | Supported |
| **Standalone terminal** | UUT: hardware (terminal and PIN-Pad), Firmware, Software are covered by one unit | Select an Item. |
| **Integrated terminal** | UUT: hardware (terminal and PIN-Pad), Firmware, software etc. are run on different platforms, e.g. an external server is included providing some features of the NIS requirements  | Select an Item. |

|  |
| --- |
| **Software POI Components** |
| *Type of Component* | *Product Name* | *Provider* | *Software Version* | *Checksum* | *Checksum Algorithm* |
| nexo-FAST Payment Application | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |

|  |
| --- |
| **Hardware POI Components** |
| *Type of Component* | *Product Name* | *Provider* | *Version* |
| Terminal [TERM] | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |
| Select an Item. | Click Here to Enter Text. | Click Here to Enter Text. | Click Here to Enter Text. |

## POI Kernel Identification

### EMVCo Contact Level 2 Kernel

|  |
| --- |
| EMV POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### EMVCo Entry Point (Book A & B)

|  |
| --- |
| EMV Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### Contactless Kernel 1

|  |
| --- |
| POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### Contactless Kernel 2

|  |
| --- |
| POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### Contactless Kernel 3

|  |
| --- |
| POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### Contactless Kernel 4

|  |
| --- |
| POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

### Other contactless Kernel supported (optional)

|  |
| --- |
| POI Kernel Identification |
| **POI Kernel Name and Version:** | Click Here to Enter Text. |
| **Approval Reference:** | Click Here to Enter Text. |
| **Approval Provider:** | Click Here to Enter Text. |
| **ICS ID:** | Click Here to Enter Text. |

# Implementation Conformance Statement

The tables below shall be used to describe the capabilities of the UUT. Some features are not configurable since they are mandatory.

## Hardware

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **DISPLAY\_ATTD** | UUT can display messages to the attendant (UUT has its own display). | Select an Item. | Click Here to Enter Text. |
| **PIN\_PAD** | UUT: whether the terminal has a pin-pad or not (e.g. contactless only, parking, highway,…) | Select an Item. | Click Here to Enter Text. |
| **SEPARATE\_PINPAD** | UUT has separate PIN-Pad | Select an Item. | Click Here to Enter Text. |

## HAP Configuration

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **EXCEPTION\_FILE** | UUT can manage an Exception File | Select an Item. | Click Here to Enter Text. |

## Terminal Type

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **TT\_ATTENDED** ([[2]](#footnote-2)) | Attended POS environment  | Select an Item. | Click Here to Enter Text. |
| **TT\_UNATTENDED** (2) | Unattended POS environment  | Select an Item. | Click Here to Enter Text. |
| **ONLINE** | UUT has online capabilities | YES | Click Here to Enter Text. |
| **OFFLINE** | UUT has offline capabilities | YES | Click Here to Enter Text. |

## Application Profile

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **PRESELECTION\_ACQ** | UUT supports the Acquirer pre-selection. It is used to refine the application profile selection to ones belonging to one particular acquirer. | Select an Item. | Click Here to Enter Text. |
| **PRESELECTION\_PRIVATE** | UUT supports private tags in the Application Profile Selection Table. Some Application Profiles may therefore be restricted to the cards delivering those private tags. | Select an Item. | Click Here to Enter Text. |

## Cardholder Verification

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **CVD ([[3]](#footnote-3))** | UUT supports that attendant enter the Card verification digits. | Select an Item. | Click Here to Enter Text. |
| **PIN\_BYPASS**  | PIN Bypass allowed for Chip and Magnetic Stripe  | Select an Item. | Click Here to Enter Text. |

## Card Authentication

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **CDA Mode 2 supported** | CDA Mode 2 supported by EMV Kernel | Select an Item. | Click Here to Enter Text. |
| **CDA Mode 3 supported** | CDA Mode 3 supported by EMV Kernel | Select an Item. | Click Here to Enter Text. |
| **CDA Mode 4 supported** | CDA Mode 4 supported by EMV Kernel | Select an Item. | Click Here to Enter Text. |

## Languages

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **LANGUAGE\_SEL** | UUT supports that the cardholder language is preselected by attendant or cardholder | Select an Item. | Click Here to Enter Text. |
| **ISSUER\_CODE\_TABLE** | UUT manages an Issuer Code Table | Select an Item. | Click Here to Enter Text. |

## Card Payment Exchanges

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **RECONCILIATION** | UUT supports the reconciliation message feature with OnDemand as ExchangePolicy. | YES | Click Here to Enter Text. |
| **RCQ\_TimeTrigger** | UUT supports Time Triggers for initiation of Reconciliation. | Select an Item. | Click Here to Enter Text. |
| **RCQ\_TotalNumber\_Amount** | UUT supports TotalNumber and CumulativeAmount Triggers for initiation of Reconciliation. | Select an Item. | Click Here to Enter Text. |
| **BTCH ([[4]](#footnote-4))** | UUT supports that the financial capture of transactions is processed in batch. | Select an Item. | Click Here to Enter Text. |
| **BTCH\_MSG\_XCHG (****[[5]](#footnote-5))** | UUT uploads the AcceptorBatchTransfer by sending a message. | Select an Item. | Click Here to Enter Text. |
| **BTCH\_FILE\_TRF (**5**)** | UUT uploads the AcceptorBatchTransfer by using a file transfer.  | Select an Item. | Click Here to Enter Text. |
| **CANCELLATION\_REQUEST** | UUT supports the cancellation request message feature. | Select an Item. | Click Here to Enter Text. |
| **CANCEL\_RECONCILED\_****TRANSACTION**  | UUT supports Cancellation of already reconciled transactions. | Select an Item. | Click Here to Enter Text. |
| **CPTR\_AUTH ([[6]](#footnote-6))** | UUT supports the capture of transaction through online authorisation messages (single message).  | Select an Item. | Click Here to Enter Text. |
| **PARTIAL\_APPROVAL\_****SUPPORTED** | UUT supports Partial Approval. | Select an Item. | Click Here to Enter Text. |
| **CASHBACK\_PAYMENT\_****APPROVAL\_ONLY** | UUT supports approval of the payment part only for Payment with Cashback | Select an Item. | Click Here to Enter Text. |

## Acceptance technology

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **RDC\_CONTACT\_CHIP** | EMV Contact Chip Cards are supported, i.e. the E-1 kernel is implemented. | Select an Item. | Click Here to Enter Text. |
| **RDC\_CONTACTLESS** | EMV Contactless Chip Cards are supported, i.e. the C-x kernels are implemented (see details in chapter 3.3.3 to 3.3.7) | Select an Item. | Click Here to Enter Text. |
| **RDC\_MAGSTRIPE** | Magnetic Stripe Cards are supported. | Select an Item. | Click Here to Enter Text. |
| **RDC\_PHYSICAL** | Manual Entry of PAN & Expiration Date is supported. | Select an Item. | Click Here to Enter Text. |
| **RDC\_M1K** | POI implements nexo-FAST kernel M-1, i.e. RDC\_MAGSTRIPE and/or RDC\_PHYSICAL is defined | Select an Item. | Click Here to Enter Text. |

### Chip with contact reader capabilities

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **MAGREAD\_PERM** | The magnetic stripe card reader cannot be disabled and is permanently active. | Select an Item. | Click Here to Enter Text. |
| **SEPARATE\_READERS** | UUT has separate readers for chip and magnetic stripe | Select an Item. | Click Here to Enter Text. |
| **COMBINED\_READER** | UUT has a combined reader. if set, [MAGSTRIPE\_PRE\_READ] or [MAGSTRIPE\_POST\_READ] has to be set | Select an Item. | Click Here to Enter Text. |
| **MAGSP\_POST\_READ** | UUT can read the magnetic stripe at card removal. Shall not be set if [MAGSTRIPE\_ PRE\_READ] is set | Select an Item. | Click Here to Enter Text. |
| **MAGSP\_PRE\_READ** | UUT can read the magnetic stripe at card insertion. Shall not be set if [MAGSTRIPE\_POST\_READ] is set | Select an Item. | Click Here to Enter Text. |
| **MOTORISED\_READER** | UUT is equipped with combined reader for motorised card insertion and removal | Select an Item. | Click Here to Enter Text. |

### Contactless

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **Entry Point** (**[[7]](#footnote-7)**) | For contactless Kernels | YES | Click Here to Enter Text. |
| **KERNEL 1** | POI implements Kernel 1 | NO | Click Here to Enter Text. |
| **KERNEL 2** | POI implements Kernel 2 | Select an Item. | Click Here to Enter Text. |
| **Kernel 2 EMV mode** | The Kernel 2 is configured to support a chip based (EMV mode) acceptance environment. | YES | Click Here to Enter Text. |
| **Kernel 2 Magstripe Mode** | The Kernel 2 is configured to support a magnetic-stripe based (mag-stripe mode) acceptance environment. | NO | Click Here to Enter Text. |
| **KERNEL 3** | POI implements Kernel 3 | Select an Item. | Click Here to Enter Text. |
| **fDDA\_ONLINE** | Kernel 3: EMV mode reader supports fDDA for Online transactions. | Select an Item. | Click Here to Enter Text. |
| **KC3\_UPD\_PRCSSNG** | Update Processing is supported by the Kernel 3 | NO | Click Here to Enter Text. |
| **KERNEL 4** | POI implements Kernel 4 | Select an Item. | Click Here to Enter Text. |
| **KERNEL 5** | POI implements Kernel 5 | Select an Item. | Click Here to Enter Text. |
| **KERNEL 6** | POI implements Kernel 6 | Select an Item. | Click Here to Enter Text. |
| **KERNEL 7** | POI implements Kernel 7 | Select an Item. | Click Here to Enter Text. |

## nexo-FAST Extensions

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **TCC\_OVERLOAD** | UUT supports that '9F1A'- 'Terminal Country Code' is overloaded in Application Profile. | Select an Item. | Click Here to Enter Text. |
| **Chip Fallback** | UUT implements the nexo FAST Extension: 'Process Chip Fallback in case of Emergency for girocard' | Select an Item. | Click Here to Enter Text. |

## nexo Protocols

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **ACQ** | UUT implements nexo Acquirer Protocol | YES | Click Here to Enter Text. |
| **TMS** | UUT implements nexo TMS Protocol  | YES | Click Here to Enter Text. |
| **RTP** | UUT implements nexo RETAILER Protocol | Select an Item. | Click Here to Enter Text. |
| **RTP\_DISPLAY\_CUST** | UUT manages a Customer Display through nexo RETAILER protocol. | Select an Item. | Click Here to Enter Text. |
| **RTP\_DISPLAY\_ATTD** | UUT manages the Attendant Display through nexo RETAILER protocol. | Select an Item. | Click Here to Enter Text. |

## Security

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **DUKPT\_2009** | UUT implements ANS X9.24-1:2009 standard for DUKPT (Derived Unique Key per Transaction) key management. | YES | Click Here to Enter Text. |
| **UKPT\_CCA** | UUT supports the CCA UKPT key management mechanism. | Select an Item. | Click Here to Enter Text. |
| **MULTI\_BDK** | UUT supports several cryptographic keys associated with an acquirer host (PIN Encryption, MAC, Card Data encryption/decryption). | Select an Item. | Click Here to Enter Text. |

## Services

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **PAYMENT** | UUT supports Card Payment | YES | Click Here to Enter Text. |
| **CANCELLATION** | UUT supports Cancellation (only for attended POIs) | Select an Item. | Click Here to Enter Text. |
| **REFUND** | UUT supports Refund (only for attended POIs) | Select an Item. | Click Here to Enter Text. |
| **INCREASED\_AMOUNT** | UUT allows the customer to increase the amount paid by adding an extra amount e.g. a gratuity... | Select an Item. | Click Here to Enter Text. |
| **CASHBACK** | UUT allows the merchant to include a cashback amount in a payment transaction. | Select an Item. | Click Here to Enter Text. |
| **CASHBACK\_AMOUNT\_****INPUT** | UUT does not suppress the input of the Cashback amount although Cashback is not allowed for this profile. POI aborts transaction with error as alternative. | Select an Item. | Click Here to Enter Text. |
| **SRV\_DEFERRED\_PAYMENT** | UUT implements Deferred Payment Service  | Select an Item. | Click Here to Enter Text. |
| **SHARED\_POI** | Several delivery systems can share the POI. This allows that several Deferred Payment sales are performed in parallel for installations where one payment terminal serves several delivery systems e.g. pumps | Select an Item. | Click Here to Enter Text. |
| **PRE\_AUTH\_SUPPORTED** | UUT supports Pre-Authorisation Service. | Select an Item. | Click Here to Enter Text. |
| **PRE\_AUTH\_NUMB\_DAYS\_****SUPPORTED** | UUT supports Number of Days validity for Pre-Authorisation service. | Select an Item. | Click Here to Enter Text. |
| **SRV\_VOICE\_AUTH** | UUT implements Voice Authorisation service. | Select an Item. | Click Here to Enter Text. |

## Terminal Management

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **TMS\_TRIGGER** | UUT handles a TMS trigger embedded in a response message from an Acquirer Host. | YES | Click Here to Enter Text. |
| **TMS\_MSG\_XCHG (****[[8]](#footnote-8))** | UUT implements the ꞌMessage Exchange onlyꞌ mode, i.e. TMS messages are exchanged as messages only. | Select an Item. | Click Here to Enter Text. |
| **TMS\_FILE\_TRF (**8**)** | UUT implements the ꞌFile Transfer onlyꞌ mode, i.e. TMS messages are exchanged as files using FTP. | Select an Item. | Click Here to Enter Text. |
| **CONFIG\_ERROR\_****IGNORED** | UUT does not reject configuration errors contained in AcceptorConfigurationUpdate message except format and syntax errors of the message structure. | Select an Item. | Click Here to Enter Text. |
| **TMS\_DELEGATION** | UUT supports delegation of Terminal Management System functions from MTM to TM. | Select an Item. | Click Here to Enter Text. |
| **TMS\_REPORT** | UUT supports report of POI configuration. | Select an Item. | Click Here to Enter Text. |

## Additional Capabilities

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **AUTOMATIC\_APP\_SLCTN** | UUT supports the Automatic Application Selection option for EMV contact chip cards. | Select an Item. | Click Here to Enter Text. |
| **MANUAL\_CONFIRMATION** | UUT supports manual confirmation by the attendant before starting the action. | Select an Item. | Click Here to Enter Text. |
| **OTHER\_CURRENCY** | UUT supports other Currency than EURO | Select an Item. | Click Here to Enter Text. |
| **EEA\_CHOICE\_OF\_****APPLICATIONS** | UUT supports EEA Process for Choice of Application. | Select an Item. | Click Here to Enter Text. |
| **EEA\_UPFRONT\_BUTTON (****[[9]](#footnote-9))** | UUT supports EEA Choice of Application Process using the Upfront Button. | Select an Item. | Click Here to Enter Text. |
| **EEA\_CVM\_STEP (**9**)** | UUT supports EEA Choice of Application Process during Cardholder CVM Step. | Select an Item. | Click Here to Enter Text. |
| **EEA\_LIST\_ALWAYS (**9**)** | UUT supports EEA Choice of Application Process by always listing the eligible applications | Select an Item. | Click Here to Enter Text. |

##  Transaction Receipts

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Definition | Supported | Comment |
| **DUPLICATE** | UUT can print a duplicate of the cardholder receipt.  | Select an Item. | Click Here to Enter Text. |
| **RCPT\_TRMNL\_SET** | UUT prints the transaction receipts according to POI Configuration (Terminal Settings[1, 2]).  | Select an Item. | Click Here to Enter Text. |
| **RCPT\_CRDDR\_1ST** | UUT prints the cardholder receipt first. | Select an Item. | Click Here to Enter Text. |
| **RCPT\_MRCHT\_1ST** | UUT prints the merchant receipt first. | Select an Item. | Click Here to Enter Text. |
| **RCPT\_SALE\_SSTM** | UUT prints the transaction receipts according to the sale system configuration. | Select an Item. | Click Here to Enter Text. |
| **RECONCILIATION\_****RECEIPT\_PRINT** | UUT supports the print-out of the Reconciliation Receipt. | Select an Item. | Click Here to Enter Text. |

# Data Elements Description

The following data elements are for testing purposes. Even though the data objects are configured by the test laboratory, it is required to provide values that make testing possible.

## Permanent terminal specific data for the template E0

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tag | *Length* | *Format* | *Data Element* | *Presence* | *Value* |
| **DF14** | Up to 5 | ans…5 | Command Key Clear Label | M | Click Here to Enter Text. |
| **DF15** | Up to 5 | ans…5 | Command Key Enter Label | M | Click Here to Enter Text. |
| **DF16** | Up to 5 | ans…5 | Command Key Scroll Label | M | Click Here to Enter Text. |
| **DF50** | Up to 6 | ans…6 | Command Key Bypass PIN Label([[10]](#footnote-10)) | M | Click Here to Enter Text. |
| **DF53** | Up to 6 | ans…6 | Command Key Change Application Label([[11]](#footnote-11)) | M | Click Here to Enter Text. |

## Terminal specific data for the template E1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tag | *Length* | *Format* | *Data Element* | *Presence* | *Value* |
| **9F40** | 5 | b | Additional Terminal Capabilities | M | Click Here to Enter Text. |
| **9F33** | 3 | b | Terminal capabilities | M | Click Here to Enter Text. |
| **9F35** | 1 | n2 | Terminal Type | M | Click Here to Enter Text. |
| **DF33** | 4..60 | an..60 | Terminal Supported Language List | M | Click Here to Enter Text. |

## POI Capabilities

|  |  |
| --- | --- |
| **MessageCapabilities** |  |
| **Destination** | CardholderDisplay |
| **NumberOfLines** | Click Here to Enter Text. |
| **LineWidth** | Click Here to Enter Text. |
| **MessageCapabilities** |  |
| **Destination** | CardholderReceipt |
| **NumberOfLines** | Click Here to Enter Text. |
| **LineWidth** | Click Here to Enter Text. |
| **MessageCapabilities** |  |
| **Destination** | MerchantDisplay |
| **NumberOfLines** | Click Here to Enter Text. |
| **LineWidth** | Click Here to Enter Text. |
| **MessageCapabilities** |  |
| **Destination** | MerchantReceipt |
| **NumberOfLines** | Click Here to Enter Text. |
| **LineWidth** | Click Here to Enter Text. |

##

## Transactions storage

|  |  |
| --- | --- |
| **Maximum Number of logged transactions**(once the limit is reached, POI has to perform Reconciliation and/or send a batch) | Click Here to Enter Text. |
| **Maximum Number of transactions present in one AcceptorBatchTransfer message**(N/A if the POI nevers split a batch into several AcceptorBatchTransfer messages) | N/A |

## Merchant Authentication

|  |  |
| --- | --- |
| **Authentication Method(s) required for starting a protected service** (N/A if the POI is unattended) | N/A |
| **Authentication Method(s) required for forcing transaction acceptance** (N/A if the POI is unattended) | N/A |

## Maximum Amount

|  |  |
| --- | --- |
| **Maximum amount supported by the application**  | Click Here to Enter Text. |

# Comments and Explanations

Comments and addition explanations:

Click Here to Enter Text.

# Test Laboratory Identification

## Identification

|  |
| --- |
| Test Lab Identification |
| **Company Name:** | Click Here to Enter Text. |
| Main Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |
| Backup Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |

# ICS Status

Draft version **[x]**

Reviewed by the Lab **[ ]**

Validated by the Certification Body **[ ]**

|  |
| --- |
| Certification Body Identification |
| **Company Name:** | Click Here to Enter Text. |
| Main Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |
| Backup Contact |
| **Contact Name:** | Click Here to Enter Text. |
| **Address:** | Click Here to Enter Text. |
| **Telephone:** | Click Here to Enter Text. |
| **Fax Number:** | Click Here to Enter Text. |
| **Email Address:** | Click Here to Enter Text. |

ICS number[[12]](#footnote-12): **Click Here to Enter Text.**

Date of validation by the Certification Body: **Cliquez ici pour entrer une date.**

Signature of the Certification Body’s Representative:

 

1. () to be allocated and filled by the Certification Body [↑](#footnote-ref-1)
2. () only attended or unattended to be filled in with on ICS [↑](#footnote-ref-2)
3. () forbidden for TT\_UNATTENDED [↑](#footnote-ref-3)
4. () UUT Profile BTCH\_NOT\_SUPPORTED shall be set by the Laboratory accordingly. [↑](#footnote-ref-4)
5. () at least, one of these two features has to be supported, if BTCH is YES [↑](#footnote-ref-5)
6. () UUT Profile CPTR\_AUTH\_NOT\_SUPPORTED shall be set by the Laboratory accordingly. [↑](#footnote-ref-6)
7. () The correct implementation of the Entry Point specification may be demonstrated by the delivery of a dedicated test report to avoid double testing [↑](#footnote-ref-7)
8. () at least, one of these two features has to be supported [↑](#footnote-ref-8)
9. () at least, one of these three features has to be supported if EEA\_CHOICE\_OF\_APPLICATION is YES [↑](#footnote-ref-9)
10. Mandatory if PIN Bypass is allowed for at least one Application Profile [↑](#footnote-ref-10)
11. Mandatory if [Bulletin 4 IFR] is implemented [↑](#footnote-ref-11)
12. to be allocated and filled by the Certification Body [↑](#footnote-ref-12)