nexo / CFCF - Implementation Conformance Statement for Acquirer Host

Version 4.0.2

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Object |
| 4.0.0 | 12/07/2018 | nexo IS / CFCF | Alignment with nexo IS v4.0 |
| 4.0.1 | 11/05/2020 | nexo IS / CFCF | §2 updated |
| 4.0.2 | 17/06/2020 | nexo IS / CFCF | Editorial changes |

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# Introduction

This Implementation Conformance Statement is a structured document describing capabilities and specific requirements implemented by the product (Acquirer Host) 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].

# Reference

The current Acquirer Host 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 |
| [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) Publicly available at: [www.cfcf.eu](http://www.cfcf.eu/) | CFCF |

# Acquirer Identification

## Application Provider Identification

|  |
| --- |
| Application 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 Application Identification

|  |
| --- |
| nexo 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 |

|  |
| --- |
| **Application Components** |
| *Product Name* | *Type of Component* | *Software Version* | *Checksum* | *Checksum Algorithm* |
| 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. |
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# 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.

## Transaction Types

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **TRX\_CANCELLATION**  | UUT allows cancellation transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_REFUND** | UUT allows refund transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_REFUND\_OFF** | UUT supports offline refund transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_REFUND\_ONL** | UUT supports online refund transactions | Select an Item. | Click Here to Enter Text. |
| **CASHBACK** | UUT supports Payment with cashback | Select an Item. | Click Here to Enter Text. |
| **INCREASED\_AMOUNT** | UUT supports Payments with amount extended by an extra amount e.g. a gratuity. | Select an Item. | Click Here to Enter Text. |
| **DEFERRED\_PAYMENT** | UUT allows Deferred Payment transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_VOICE\_AUTH** | UUT supports Referral and subsequent Capture of Voice Authorisation | 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 Pre Authorisation Number of days service supported | Select an Item. | Click Here to Enter Text. |

## Capture

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **CPTR\_ADVICE**  | UUT supports the capture by completion advice message | Select an Item. | Click Here to Enter Text. |
| **CPTR\_BATCH** | UUT supports the capture of transactions by batch transfer | Select an Item. | Click Here to Enter Text. |
| **BTCH\_MSG\_XCHG([[2]](#footnote-2))** | UUT accepts AcceptorBatchTransfer sent within a message. | Select an Item. | Click Here to Enter Text. |
| **BTCH\_FILE\_TRF([[3]](#footnote-3))** | UUT accepts AcceptorBatchTransfer uploaded by file transfer. | Select an Item. | Click Here to Enter Text. |
| **CPTR\_AUTH** | UUT supports the capture of transactions during Authorisation exchange | Select an Item. | Click Here to Enter Text. |
| **CPTR\_DECLINED** | UUT supports the capture of declined or aborted transaction  | Select an Item. | Click Here to Enter Text. |
| **ADVICE\_ON\_DEMAND** | UUT may request a non-financial completion advice for online authorised transactions. Non relevant if [CPTR\_BATCH] is not set. | Select an Item. | Click Here to Enter Text. |
| **TRX\_OVERRIDE\_OFFL** | UUT allows forced offline transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_OVERRIDE\_ONL** | UUT allows forced online transactions | Select an Item. | Click Here to Enter Text. |

## Technologies

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **TRX\_MAGSTRIPE** | UUT allows magstripe transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_MANUAL\_ENTRY** | UUT allows transactions with a manual PAN entry | Select an Item. | Click Here to Enter Text. |
| **TRX\_FALLBACK** | UUT allows fallback transactions | Select an Item. | Click Here to Enter Text. |
| **TRX\_CONTACTLESS** | UUT allows contactless transactions | Select an Item. | Click Here to Enter Text. |
| **Chip Fallback** | UUT supports Chip Fallback in case of card error | Select an Item. | Click Here to Enter Text. |

## Cancellation

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **CCL\_REQUEST** | UUT supports Cancellation Request Message. | Select an Item. | Click Here to Enter Text. |
| **CCL\_ADVISE\_BATCH** | Acquirer accepts AcceptorCancellationAdvice for offline cancellation of transactions in addition to a capture by batch.Irrelevant if [CPTR\_BATCH] is not set. | Select an Item. | Click Here to Enter Text. |
| **CCL\_NO\_ADVICE\_BATCH** | Acquirer accepts cancellation of offline transactions captured by batch only without additional AcceptorCancellationAdvice. Irrelevant if [CPTR\_BATCH] is not set.  | Select an Item. | Click Here to Enter Text. |

## Authorisation Exchange

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **ONLINE\_PIN** | UUT supports online PIN for cardholder verification | Select an Item. | Click Here to Enter Text. |
| **MAN\_CVD** | UUT supports that Card Verification Digits (CVD) is transmitted in Authorisation Request for Manual Entry transactions. | Select an Item. | Click Here to Enter Text. |
| **MSG\_DISPLAY** | UUT can request messages to be displayed on authorization response. | Select an Item. | Click Here to Enter Text. |
| **MSG\_PRINT** | UUT can request messages to be printed on Authorisation Response  | Select an Item. | Click Here to Enter Text. |
| **PARTIAL\_APPROVED** | UUT carries partially approved Authorisation Response | Select an Item. | Click Here to Enter Text. |

## Security

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **PRTCTD\_CRD** | UUT supports protected card data | Select an Item. | Click Here to Enter Text. |
| **PLAIN\_CRD** | UUT supports plain card data | Select an Item. | Click Here to Enter Text. |
| **CRD\_VERIF** | UUT supports CardDataVerification configured to TRUE (in AcceptorCompletionAdvice messages, PlainCardData or ProtectedCardData has to be present) | Select an Item. | Click Here to Enter Text. |

## Terminal Management System

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **TMS\_TRIGGER** | UUT is able to include TMS triggers in the messages it sends to the POI | Select an Item. | Click Here to Enter Text. |
| **TMS\_INIT** | UUT acts as a Master Terminal Manager and is able to configure a POI by complete configuration, including terminal specific data. | Select an Item. | Click Here to Enter Text. |
| **TMS\_CONF\_UPDATE** | UUT acts as a Terminal Manager and is able to update the configuration of the POI. | Select an Item. | Click Here to Enter Text. |
| **TMS\_KEY\_DOWNLOAD** | UUT acts as a Terminal Manager and is able to download cryptographic keys into a POI. | Select an Item. | Click Here to Enter Text. |
| **TMS\_MSG\_XCHG(****[[4]](#footnote-4))** | UUT implements the ‘Message Exchange only’ mode, i.e. TMS messages are exchanged as messages only. | Select an Item. | Click Here to Enter Text. |
| **TMS\_FILE\_TRF(4)** | UUT implements the ‘File Transfer only’ mode, i.e. TMS messages are exchanged as files using FTP | Select an Item. | Click Here to Enter Text. |
| **TMS\_UPDATE\_APP** | UUT can upload only Application Parameters *(i.e UUT can process StatusReport message with DataSetRequired. Type=ApplicationParameters)* | Select an Item. | Click Here to Enter Text. |
| **TMS\_UPDATE\_FULL** | UUT can upload a complete POI configuration *(i.e AcquirerProtocolParameters,ApplicationParameters & HostCommunicationParameters)* | Select an Item. | Click Here to Enter Text. |

## Reconciliation

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **REC\_REALTIME** | The verification of the totals is performed in real-time before sending the response to the reconciliation. | Select an Item. | Click Here to Enter Text. |
| **REC\_POSTPONED** | The verification of the totals is not performed in real-time, i.e. it is performed after sending of the response to the reconciliation. | Select an Item. | Click Here to Enter Text. |

## Hardware

|  |  |  |  |
| --- | --- | --- | --- |
| *Name*  | *Definition* | *Supported* | *Comment* |
| **SINGLE\_HOST** | UUT consists of a single host | Select an Item. | Click Here to Enter Text. |

# Host Communication Parameters

The test laboratory requires following parameters in order to configure its spy tool.

## Host Identification

|  |
| --- |
| *Host #1* |
| **Host Identification:** | Click Here to Enter Text. |
| **Primary Address:** | 000.000.000.000 |
| **Primary Port Number:** | 0000 |

In case the system uses several servers, the following tables shall be filled in:

|  |
| --- |
| *Host #2* |
| **Host Identification:** | Click Here to Enter Text. |
| **Primary Address:** | 000.000.000.000 |
| **Primary Port Number:** | 0000 |

|  |
| --- |
| *Host #3* |
| **Host Identification:** | Click Here to Enter Text. |
| **Primary Address:** | 000.000.000.000 |
| **Primary Port Number:** | 0000 |

## Messages

|  |  |  |
| --- | --- | --- |
| *Message* | *Comment* | *Host* |
| **AuthorisationRequest** |  | Host #1 |
| **BatchTransfer** | If capture by batch is supported | Host #1 |
| **CompletionAdvice** |  | Host #1 |
| **ReversalAdvice** |  | Host #1 |
| **CancellationAdvice** |  | Host #1 |
| **DiagnosticRequest** |  | Host #1 |
| **FinancialCompletionAdvice** | If capture by Completionis supported | Host #1 |
| **ReconciliationRequest** | If capture by Completion is supported | Host #1 |
| **FinancialAuthorisationRequest** | If capture by Authorisation is supported | Host #1 |
| **FinancialReversalAdvice** | If capture by Authorisation is supported | Host #1 |

## Keys

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[[5]](#footnote-5): **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. At least, one of these two features has to be supported, if BTCH is YES [↑](#footnote-ref-2)
3. At least, one of these two features has to be supported, if BTCH is YES [↑](#footnote-ref-3)
4. At least, one of these two features has to be supported, if TMS is supported [↑](#footnote-ref-4)
5. to be allocated and filled by the Certification Body [↑](#footnote-ref-5)