

**SEPA CARDS STANDARDISATION (SCS) “VOLUME”  
STANDARDS’ REQUIREMENTS**

# **BOOK 5**

**CONFORMANCE VERIFICATION PROCESSES**

*Payments and Cash Withdrawals with Cards in SEPA  
Applicable Standards and Conformance Processes*

© European Cards Stakeholders Group AISBL.  
Any and all rights are the exclusive property of  
EUROPEAN CARDS STAKEHOLDERS GROUP AISBL.

Abstract	This document contains the work on SEPA cards standardisation to date
Document Reference	ECSG001-18
Issue	Book 5 – v10.0
Date of Version	1 October 2022
Reason for Issue	Publication
Reviewed by	ECSG Board – 22 September 2022
Produced by	ECSG Book 5 Expert Team
Owned and Authorised by	ECSG
Circulation	Public

Change History of Book 5		
6.5.0	2012-2013	Working version of Book 5
7.5.1.0	12.12.2013 (published 07.01.2014)	EPC Published version – Volume v7.0
7.5.1.05	11.02.2015 (published 10.03.2015)	Version distributed with Volume v7.05 set. <u>Not</u> used for consultation.
7.5.2.1	08.12.2015	EPC Published version – Volume v7.1
7.5.2.11- 7.5.2.99	16.12.2015-	Working Version 2015-2016
8.5.00	01.03.2017	ECSG Published version - Volume v8.0
8.5.40	22.11.2018	Board Approval version for Consultation as 8.5
8.5.41	22.07.2019	Working draft
9.0	15.01.2020	ECSG Published version - Volume v9.0
9.01 – 9.04	01.07.2020 – 21.01.2021	Working Version 2020/2021
9.04	15.12.2021	Public Consultation Release v9.5
10.0	01.10.2022	ECSG Published version - Volume v10.0

## Table of Contents

<b>1</b>	<b>GENERAL .....</b>	<b>4</b>
1.1	Book 5 - Executive summary.....	4
1.2	Description of changes since the last version of Book 5 .....	6
<b>2</b>	<b>INTRODUCTION TO THE CONFORMANCE ECOSYSTEM .....</b>	<b>7</b>
<b>3</b>	<b>OVERALL PROCESS DESCRIPTION OF THE CONFORMANCE ECOSYSTEM .....</b>	<b>8</b>
3.1	Conformance Ecosystem .....	10
<b>4</b>	<b>CONFORMANCE PROCESSES .....</b>	<b>12</b>
4.1	The Volume Labelling Process .....	12
4.1.1	Process Overview.....	12
4.1.2	Eligible Specifications.....	13
4.1.3	Out of Scope for Labelling.....	14
4.1.4	Labelling Process Description .....	14
4.1.5	VCMC Responsibilities within the Labelling process .....	15
4.1.6	Requirements on Specification Providers.....	15
4.1.6.1	Protection of Intellectual Property Rights .....	15
4.1.6.2	Establishment of a Governance Structure .....	16
4.1.6.3	Maintenance of the Implementation Specification.....	16
4.1.6.4	Establishment of a Certification process for solutions developed against the Implementation Specification.....	17
4.1.6.5	Ensuring interoperability of solutions .....	17
4.2	The Certification Process .....	18
4.3	The Type Approval Process.....	19
4.3.1	Implementation Specifications recognised by Approval Bodies .....	19
4.3.2	Type Approval activity .....	19
4.4	Information to be made public.....	20
4.4.1	VCMC.....	20
4.4.2	Approval Body.....	20
4.4.3	Specification Provider .....	21
4.4.4	Certification Body .....	21
<b>5</b>	<b>FIGURES .....</b>	<b>22</b>

## 1 GENERAL

### 1.1 Book 5 - Executive summary

The overall aim of the SEPA cards standardisation process is to deliver "Solutions" (i.e. products and services or any combination of them) to be used by SEPA Card stakeholders. To achieve this, solutions must conform to the common requirements and processes as detailed in the other Books of the Volume.

This conformance is to be achieved in a two-step process:

1. Implementation Specifications according to the Volume Book of Requirements are developed by Specification Providers and made available to the card stakeholders.
2. Solution Providers develop Solutions (products and/or services) compliant with these Implementation Specifications.

This conformance is proven by submitting both the Implementation Specifications and the Solutions (products and/or services) to separate verification processes as described in this Book.

1. Implementation Specifications may be subject by the Specification Provider to the Labelling Process described in clause § 4.1 of this document.
2. Solutions are submitted by Solution Providers to (1) A Certification process according to clause § 4.2 and then to (2) A Type Approval process in accordance with clause § 4.3 of this document.

Three processes are covered in this Book:

- **The Labelling process applicable to Implementation Specifications.** The Labelling process is established and maintained by the ECSG. By granting a Label to an Implementation Specification, the ECSG recognises that the Implementation Specification conforms to the Volume Book of Requirements. The Labelling process is managed by the Volume Conformance Management Committee (VCMC), a specific internal body of the ECSG.
- **The Certification process applicable to Solutions (products and/or services).** The Certification process is either provided or indicated by the Specification Provider and managed by Certification Bodies, which can be either internal or external to the Specification Provider's organisation. By granting the certificate, the Certification Body certifies that a Solution has been evaluated and demonstrated to be compliant with a given Implementation Specification.
- **The Type Approval process applicable to Solutions (products and/or services).** The Type Approval processes are established and maintained either by a Card Payment Scheme or a scheme independent Type Approval Body. The Type Approval granted to a Solution,

recognises that the Solution may be used either in a Card Payment Scheme or the Type Approval Body domain. In this Book, Type Approval requirements only apply to certified Solutions.

Section 3 of this Book describes the roles and responsibilities of the parties involved in the Volume conformance verification ecosystem:

- Card Payment Schemes
- Type Approval Bodies
- Certification Bodies
- Specification Providers
- Solution Providers

## **1.2 Description of changes since the last version of Book 5**

The changes applied to this release of Book 5 include clarifications to the labelling process and some minor editorial updates.

## 2 INTRODUCTION TO THE CONFORMANCE ECOSYSTEM

The Volume provides high level requirements which any "Solution" (i.e. products and services or any combination of them) must conform to in order to be considered Volume conformant. These high-level requirements are used by a Specification Provider to create a detailed implementation specification involving relationships with accredited Test Laboratories and Certification Bodies. The Specification Provider may submit their specification for recognition and Labelling by the VCMC. It is the individual CPS/AB which will issue the actual Type Approval for any particular Solution.

The Conformance Ecosystem details a process with all key actors and process stages clearly identified. Any Solution Provider wishing to deliver a Solution must successfully complete all the steps defined in the ecosystem in order for their Solution to meet the needs of the Volume.

In order to achieve this there are several critical steps that must be successfully completed, and the following sections define in more detail the relationships between the various actors involved, all the necessary steps required and how this can lead to the Type Approval of the Solution Providers Solution.

### 3 OVERALL PROCESS DESCRIPTION OF THE CONFORMANCE ECOSYSTEM

This section provides a high-level introduction to the overall process a Solution Provider must successfully complete in order to obtain Type Approval.

Type approval is the final stage of the process which a solution must undergo in order to obtain approval from a given CPS or Approval Body (AB).

CPS/AB (CPS/AB):

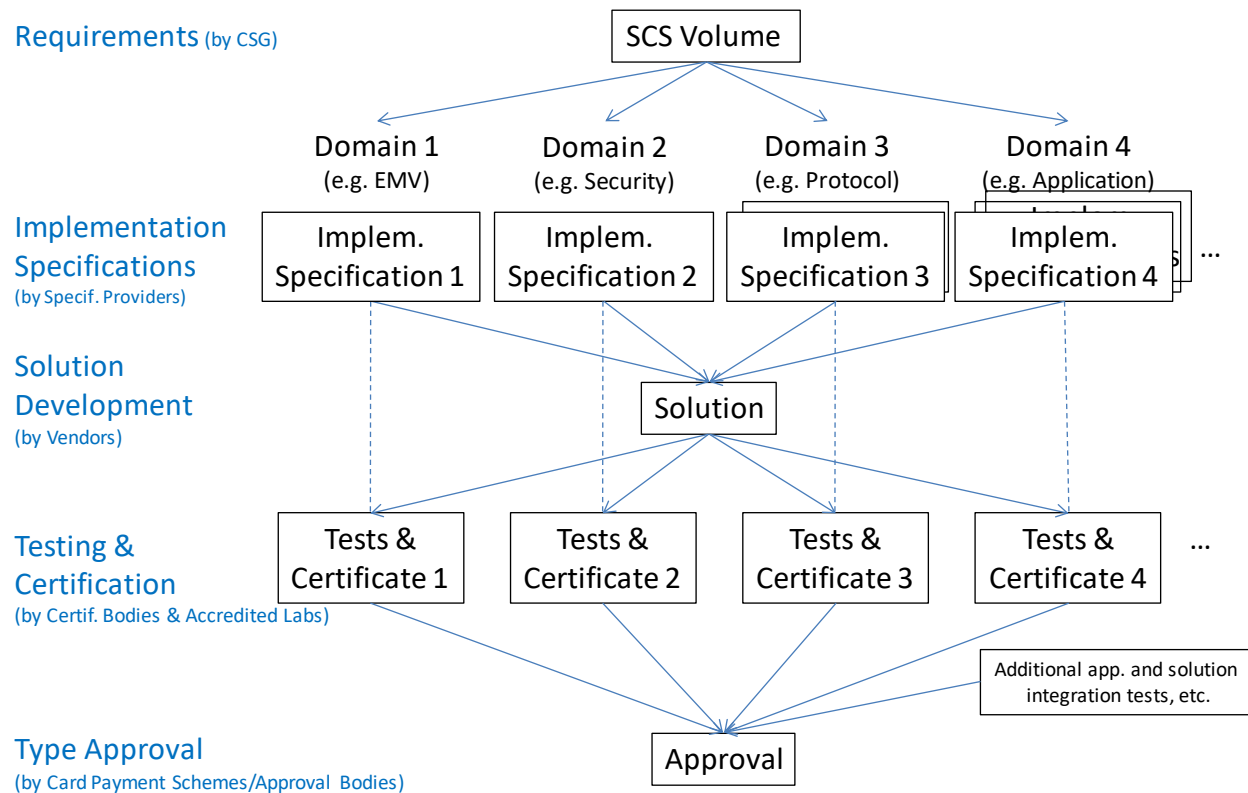
- make the list of required/recognised detailed implementation specifications publicly available, along with the corresponding certification/Type Approval process;
- “Type Approve” the solutions evaluated and certified against these specifications.

The Solution Provider will do/provide the following as necessary:

1. Identify the High-Level principles for scheme solution objectives that need to be adhered to for the solution being developed;
2. Identify the functional (interoperability) & security requirements (among available specifications or by building in-house requirements) that the product will adhere to;
3. Identify Implementation Specifications the solution needs to comply with;
4. Develop complying solutions with detailed specifications;
5. Submit the product for evaluation/tests performed by Test Laboratories;
6. Obtain the evaluation report(s) which can then be submitted to the Certification Body;
7. Submit the report(s) for certification against the applicable Implementation Specifications;
8. List the specifications and implementation options/parameters/configurations to which the product conforms, has been certified for, and for which it is requesting Type Approval (by CPS/AB);
9. Request/facilitate end-to-end testing to finalize the solution validation to obtain the authorisation for deployment.



The target approval and certification ecosystem is shown below for POIs:



**Figure 1:** The Type Approval and Certification Ecosystem

**Figure 1** shows that products may need to have several certificates (one per domain). In given domains there might be several possible alternative Implementation Specifications and therefore several alternative certifications possible.

The above process for certification and Type Approval is expected to be as depicted in

Figure 2 and explained in detail in section 3.1.

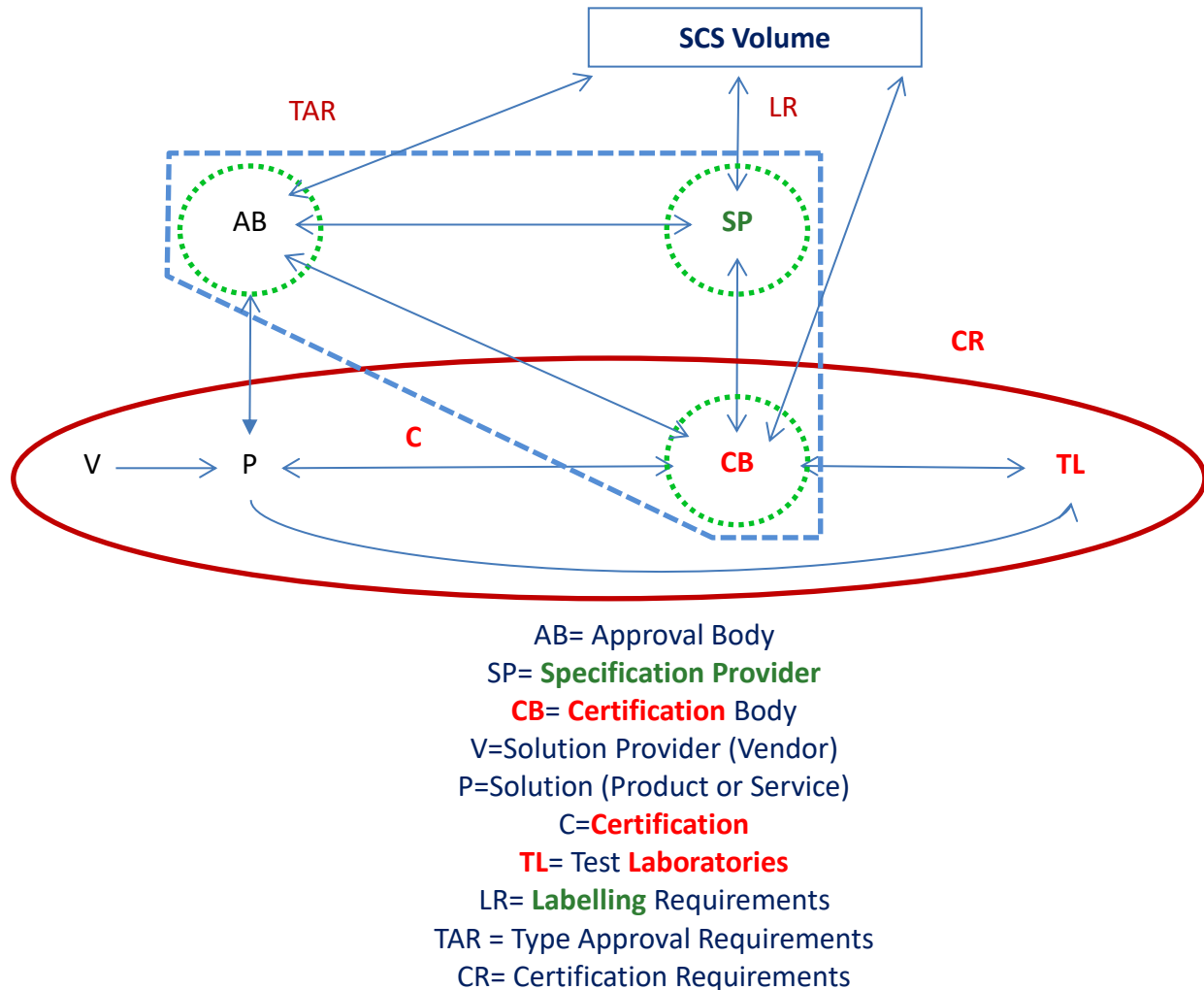


Figure 2: The Conformance Ecosystem

### 3.1 Conformance Ecosystem

A **Card Payment Scheme/Approval Body (CPS/AB)** is an organisation that is subject to Oversight and Regulation and which is responsible for Risk Assessment, which cannot be delegated. It also ensures end-to-end interoperability of all approved solutions of the card payment chain. Therefore it:

- Selects the required/recognised Implementation Specifications;
- Relies upon the certification processes of solutions against these Implementation Specifications;

- Is responsible for issuing Type Approval for solutions certified by one or more certification bodies for a particular domain or CPS.

A **Certification Body** is an organisation responsible for:

- Issuing certificates to confirm that solutions have been successfully tested against a given implementation specification. This process is based on evaluations or tests performed by Test Laboratories accredited by the Certification Body.

A **Test Laboratory** is an organisation which:

- Is accredited by a Certification Body to test or evaluate "Products and solutions";
- Is independent from the organisation whose products/solutions are to be tested.

A **Specification Provider** is an organisation which:

- Uses or develops Implementation Specifications based upon the high level requirements specified in the Volume for use by Solution Providers to develop solutions;
- Provides a maintenance process, notably for interoperability and/or security issues linked to the implementation specifications;
- Has its own certification body or a relationship (formal or informal) with an external certification body to certify solutions.

The tasks to ensure the above mentioned functions can either be in the same organisation or in several separate organisations, such as:

1. One or several organisations for the production of the Implementation Specification (detailed technical specifications);
2. One or several organisations for the certification of the solutions.

Note that several Implementation Specifications may be developed based on the requirements contained in the Volume as several alternative Implementation Specifications (e.g., POI to Acquirer protocols) can coexist in the domain. It will be up to the domain to decide on the future evolution of such Implementation Specifications.

Solution Providers offer solutions based on Implementation Specifications for one or several components of the card payment value chain (e.g., a card, a POI, an acquirer host). Some solutions may integrate several Implementation Specifications, for instance a POI should at least integrate the POI application, the POI to Acquirer protocol, and the POI to card protocol.

The Conformance Ecosystem as described above applies to both functional and security related aspects.

## 4 CONFORMANCE PROCESSES

### 4.1 The Volume Labelling Process

The core purpose of the Volume is to define high level requirements (functional and security) that apply to card payment transactions performed in SEPA. Based on these requirements, detailed Implementation Specifications can be developed, against which a Solution Provider, such as a POI Vendor, is able to develop solutions.

A process to allow a Specification Provider to assert that their Implementation Specification conforms to the relevant requirements of the Volume has been created: The Labelling process.

The Labelling process aims at demonstrating that

- The Implementation Specification conforms with the requirements of the Volume;
- The Specification Provider has established a governance and maintenance process to ensure the relevant procedural requirements of the Volume are met.

The management of the Labelling process will be undertaken by the Labelling entity (VCMC).

#### 4.1.1 Process Overview

Specification Providers are organisations producing Implementation Specifications used by Solution Providers to develop solutions. The Specification Providers are the entities who will submit their specification and processes to the Labelling process.

The Volume defines "procedural" requirements applying to those Specification Providers and aims to ease the deployment of solutions implementing those Implementation Specifications.

When a Solution Provider decides to develop a solution that meets an Implementation Specification which has been labelled by the VCMC, the Solution Provider can be confident that the technical specifications and the governance structure established by the Specification Provider conforms to the Volume.

The Volume describes the roles and responsibilities of the Specification Providers. In addition to providing detailed Implementation Specifications, Specification Providers indicate how certification of solutions is to be carried out. Any entity may be a Specification Provider provided they meet the requirements of the Labelling process.

Where a Card Payment Scheme/Approval Body (CPA/AB) also acts as a Specification Provider and/or Certification Body, the CPS/AB management organisation shall guarantee impartiality, confidentiality, openness and fair treatment of complaints and appeals.

The Labelling process contributes to the emergence of specifications which are open and transparent to any stakeholder active in SEPA.

Specification Providers in the ecosystem will publish (e.g., via a website) relevant information and specifications for interested stakeholders.

Another important characteristic of the ecosystem is that several alternative Implementation Specifications may coexist within the card payment value chain facilitating an open domain of conformant standards, for instance the POI-Acquirer protocol.

#### 4.1.2 Eligible Specifications

The specifications that may be presented for labelling to the VCMC are specifications for which the Volume has defined specific requirements that apply to the SEPA region.

ECSG labels may cover different levels of implementation specifications, ranging from individual or single components of the card processing value chain (e.g. a standalone POI specification) through to comprehensive end-to-end specifications. See Table 1 for examples.

Domain	Specification and Contents
Card	A functional specification for a Card Application.
Acceptor to Acquirer	A message format specification supporting Volume requirements.
POI	A functional specification for a POI supporting one or more of the card services described in Book 2, and optionally supporting security requirements described in Book 4.
Acquirer to Issuer	A message format specification supporting Volume requirements.

Table 1 – Examples of eligible specifications.

#### 4.1.3 Out of Scope for Labelling

The following types of implementation specifications are out of scope of the Labelling process:

- Specifications not implementing Volume requirements;
- Specifications for components or items that are mentioned in the Volume for the purpose of recommending or requiring conformance to other standards (e.g. EMV contactless kernels, ISO Standards, ...).

#### 4.1.4 Labelling Process Description

Whilst the Labelling process is optional, any Specification Provider which wishes to have a Volume Label for a given Implementation Specification must undergo the "Labelling" process defined in the Volume.

The aim of this Label is to demonstrate that:

- 1) The Implementation Specification conforms to the high level requirements of the Volume.
- 2) The Specification Provider has established procedures compliant with the procedural requirements described below which are aimed at ensuring
  - a. The setup of a governance structure open to stakeholders interested by the implementation of the specification (e.g., Solution providers);
  - b. The maintenance of the implementation specification;
  - c. The availability of information to solution providers about how their solutions will be certified;
  - d. The interoperability of solutions once they are deployed in the field, for instance that any poi may interact with any acquiring processor if both support the same implementation specification.

This Labelling process is based on the principles of a self-declaration procedure by the Specification Provider.

The Specifications Provider shall provide the Labelling Entity (VCMC) with:

- A Conformance Document (including its maintenance process), in the form of a checklist, describing its conformance with the Volume, including:
  - The scope of the Implementation Specification (e.g., The part of the card transaction value chain, for instance the POI to Acquirer protocol) and the set of services covered (e.g., POS, remote internet);

- A list of the Volume requirements applying to the Implementation Specification.
- The Implementation Specification documentation;
- A Governance Manual describing the governance established and how the organisation will implement the procedural requirements described below;
- Proof of existence of all required elements described in section 4.1.6.

The Labelling Entity (VCMC) will manage the process for confirming conformance to the Volume based on evidence provided by the Specification Provider.

On a regular basis and at least annually, the Specification Provider shall check if there is any significant change in the Volume or its Implementation Specification or its related procedures (e.g., governance, maintenance) which would require the specification provider to reapply for a Volume Label.

#### **4.1.5 VCMC Responsibilities within the Labelling process**

Within the Labelling process the VCMC will perform the following tasks:

- Receive Labelling requests from Specification Providers;
- Verifies the eligibility of the specification
- Verify that all necessary documentation has been provided;
- Grant a label after positive review;
- Make labels publicly available;
- Ensure certificates granted to solutions by certification bodies are made publicly available;
- Update labels granted and certificates granted to solutions;
- Manage disputes.

#### **4.1.6 Requirements on Specification Providers**

The Specification Provider applying for a Volume Label shall demonstrate that it has implemented procedures compliant with the following procedural requirements.

##### **4.1.6.1 Protection of Intellectual Property Rights**

The Specification Provider shall publicly state its IPR provisions.

#### **4.1.6.2 Establishment of a Governance Structure**

The Specification Provider

- Shall have a governance procedure for defining and agreeing the specification, implementation and procedural requirements;
- Shall have a governance manual containing the relevant operational rules (e.g., Voting rules, responsibilities, users groups or stakeholders consultation) that are applicable to all stakeholders;
- Shall make public its criteria for participation;
- Shall define a licensing policy for the implementation of its implementation specification and shall ensure its open access to any solution provider under fair reasonable and non-discriminatory (“frand”) conditions.

It is recommended that the Specification Provider:

- Provides implementation guidance and best practices;
- Establishes solution providers user groups and organises regular user groups meetings, for the coordination of the evolution of the implementation specifications;
- Provides technical support services to solution providers in order to facilitate the specifications implementation;
- Optionally provides test tools aiming to facilitate the development by solution providers.

#### **4.1.6.3 Maintenance of the Implementation Specification**

The Specification Provider:

- Shall ensure the Implementation Specification maintains conformance with the latest published version of the Volume;
- Shall establish a Release Management process for new versions which should focus specifically on migration issues as every change impacts multiple parties and this shall be done every time a new version is required to keep in alignment with the Implementation Specification;
- Shall provide procedures for identification and management of issues;
- Should ensure that relevant stakeholders (e.g., Solution Providers) can provide input and comment on the evolution of the Specifications.

The Specification Release Management process shall include at least:

- clear milestones for applicability of each version with reasonable time between release, publication of the new version and its applicability
- a reasonable migration period in which old and new versions are accepted in parallel
- clear relationship between specification version and test tool version



#### **4.1.6.4 Establishment of a Certification process for solutions developed against the Implementation Specification**

The Specification Provider, independently or in cooperation with Certification Bodies, through their formal or informal relationship, shall provide or indicate:

- A sustainable Certification framework for Solution Providers developing solutions against the Implementation Specifications, which may include:
  - The methodology;
  - The definition of the different phases of the certification (e.g., Test with simulator, test by Test Laboratories, field test);
  - The list of deliverables to be provided by Solution Providers;
  - The list of deliverables produced during the certification process;
  - The establishment of Test Laboratories accreditation, contractual and monitoring process (e.g., Technical scope, contractual agreement) and the publication of a list of Test Laboratories and, if any, mandatory test tools.
- The management of the Certification process which may include,
  - Ensuring the follow-up of each ongoing Certification process, within the time frames agreed in the service description;
  - Publishing, on a public site the list of certified solutions and the functionalities they are certified for;
  - Defining a validity period for issued certificate.

#### **4.1.6.5 Ensuring interoperability of solutions**

Interoperability aims to ensure that when various solutions are brought together into a specific environment that all of the components will work as specified. Operational and Specification ranges can result in components at either end of the range coming together. It is critical that these components and solutions work as well as all other options.

It is the responsibility of the CPS/AB to ensure the solutions interoperability. This can be delegated to a Specification Provider if several CPS/AB support the same Implementation Specification.

Interoperability aims to ensure that any product or solution of one side shall be able to interact with any product or solution of the other side, supporting the same Implementation Specification, such as e.g.,

- Card to POI: any card with any POI;
- POI to Acquirer: any POI with any Acquirer;
- Acquirer to Issuer: any Acquirer with any Issuer.

In this instance Card represents all methods by which a cardholder can undertake a payment, e.g., Chip and PIN, Contactless, or any other permitted method.

The CPS should provide procedures for an operational follow-up to all relevant parties, especially Specification Providers to identify potential interoperability issues and establish procedures that need to be followed to solve them.

## 4.2 The Certification Process

This section details requirements on “Certification” which is the process required to validate that a solution (e.g., POIs and cards) complies with a set of Implementation Specifications and requirements.

The rules to be applied by the Certification Bodies acting in the European card standardisation ecosystem are described hereafter. These requirements address the Certification Bodies, which can either be independent or part of the Specification Provider organisations.

A Certification Body shall meet all of the following requirements:

- The entity providing certification services should be open to act for more than one AB;
- Certification Bodies shall apply ISO 17065 standard (Conformity assessment - Requirements for bodies certifying products, processes and services);
- Where Certification Bodies use external Test Laboratories and testing facilities the Certification Body shall require their Test Laboratories to maintain conformance with the ISO 17025 standard.<sup>1</sup>

The methodology, as referred above (see 4.1.4.4), used by Certification bodies or their Test Laboratories, to evaluate the compliance of solutions against Implementation Specifications shall be openly and publicly available and the conduct of any evaluations against this methodology must be independent of any management direction from any specific AB.

Where the Specification Provider and the Certification Body are managed in the same organisation, the following principles shall be applied in order to give confidence in the certification activities: impartiality, confidentiality, openness and fair treatment of complaints and appeals. Separation should exist between certification operation (the recognition and management of the laboratory and the delivery of the certificate) and specification writing. This can be achieved either by separating the organisation performing those tasks or by different groups within the same organisation.

Where the Specification Provider and the Certification Body are not managed in the same organisation, coordination shall be established in order to meet the requirements expressed in section 4.1.6.4 and the principles expressed in the paragraph above.

---

<sup>1</sup> A Test Laboratory may be part of a Certification Body.

### **4.3 The Type Approval Process**

This section aims to clearly define the scope of the Type Approval Process performed by CPS/AB after solutions have been certified (functional and security).

Type Approval is defined as a final validation, performed by an AB, before the product or solution may be deployed and used.

The CPS/AB required specifications Release Management process shall include at least:

- Clear milestones for applicability of each version with reasonable time between release, publication of the new version and its applicability;
- A reasonable migration period in which old and new versions are accepted in parallel;
- Clear relationship between specification version and test tool version.

#### **4.3.1 Implementation Specifications recognised by Approval Bodies**

Each AB shall make public on its website the list of Implementation Specifications it requires/recognises as being able to support transactions under its responsibility.

For supported Implementation Specifications, AB shall define clearly where they apply, including but not limited to which

- Merchant sector;
- Type of transactions.

AB should have internal processes to analyse and evaluate Implementation Specifications that are relevant to their payment schemes.

AB shall not add unreasonable and unjustifiable requirements to either the Implementation Specifications or the requirements of the Volume. Should additional requirements be identified in or made to any Implementation Specifications or to the Volume, AB shall bring these to the change management processes of the specification or of the Volume as specified in Book 1.

#### **4.3.2 Type Approval activity**

The AB shall publish on a public website the scope of its Type Approval activity and the procedures to be used by a Solution Provider (e.g., a POS provider, a Processor) or other entity.

A CPS/AB shall ensure end-to-end interoperability of all approved solutions of the card payment chain.

The Type Approval phase is:

- An administrative activity: verifying that the Product presented for Type Approval by a Requester (e.g., A POI Vendor, a Processor) has the required certificates for that scheme (e.g., For a POI: a CC Security Certificate, the PCI SSC Certificate, the EMVCo level 1 and level 2 approvals, the Functional Certificates of the Implementation Specification supported);
- A final validation activity: having the opportunity to perform end-to-end or interoperability testing of the product;
- To conduct a pilot deployment if necessary in an operational environment, potentially in collaboration with the Requester; the aim of this pilot being to ensure that the product supports transactions under responsibility of the AB according to the product rules of a given payment scheme. An authorisation for using a given solution for transactions under the responsibility of that AB;
- A risk assessment activity based upon the results of the above activities, and any potential issues or weaknesses that may have been raised either during the evaluation or certification of the product, service or solution.

The above conditions shall be available to relevant parties.

The AB shall publish on a publicly accessible website the list of approved solutions (making reference to the specific Implementation Specifications).

An AB may remove or suspend Type Approval under specific conditions (e.g., specific vulnerabilities or threats, a certificate expired or a certificate has been withdrawn).

#### **4.4 Information to be made public**

##### **4.4.1 VCMC**

The VCMC will make public the list of "Labelled" Implementation Specifications (their Specification Providers and the associated internal or external Certification Bodies).

##### **4.4.2 Approval Body**

The AB shall make public:

- The domain of applicability and scope of the Type Approval process;
- The Required/Recognised set of Implementation Specifications, with optional "context" specificities;
- The list of approved solutions and, if applicable, validity period with reference to applicable Implementation Specifications;
- Governance and participation principles;
- Its interoperability policy.

The AB shall compile in a matrix one or several sets of accepted Implementation Specifications.

#### **4.4.3    Specification Provider**

The Specification Providers shall make public

- The process by which the specifications may be obtained;
- The licence terms and conditions;
- The exact references and version of such specifications;
- The process by which the certifications may be obtained;
- The maintenance process of the above, if applicable;
- The governance and participation principles.

#### **4.4.4    Certification Body**

The Certification Bodies shall make public:

- Supported specifications;
- Description of the certification process;
- The process by which the certifications may be obtained;
- List of approved laboratories;
- Accreditation process (process on how to become an approved lab);
- Certificate lifecycle (if applicable);
- Maintenance process for laboratories;
- List of certified solutions and, if applicable, validity period;
- Governance principles.

## 5 FIGURES

Figure 1: The Type Approval and Certification Ecosystem .....	9
Figure 2: The Conformance Ecosystem .....	10