



Testing framework
Changes to the RPS SEPA-Clearer from
November 2021

Version 1.0

Table of contents

1	<i>Introduction</i>	3
2	<i>Participants and conditions for participation in the customer test phase</i>	3
3	<i>Registering to perform the test</i>	4
4	<i>Test window</i>	4
5	<i>Test cases, performing the test</i>	4
6	<i>Contacts</i>	5
7	<i>Test monitoring, test evaluation</i>	5
8	<i>Certification</i>	6
	ANNEXES	7
A	<i>Reference documents</i>	7
B	<i>Instructions for completing the online form "Test procedure application form"</i>	8
C	<i>Test cases</i>	11

1 Introduction

Adjustments to some of the SCT file schemas are planned for 22 November 2021 (see the RPS SEPA-Clearer customer information notice dated 7 July 2021). The scope and nature of these changes will enable the mandatory tests to be limited to a check of schema validity using the SEPA message validator (SMV tool). Please visit our website for further details on the SMV tool (the SMV Handbook will be updated in September 2021).

www.bundesbank.de/en → Tasks → Payment systems → Services → Customer Test Centre → Handbook SEPA Message Validation Tool

This document describes the tests that have to be completed by direct participants in the RPS SEPA-Clearer using the SMV tool. No such tests are required for indirect participants. New participants must observe the provisions stated in the procedural rules.

This document provides information on the following aspects of testing activities:

- participants and conditions for participation in the customer test phase;
- registering to perform the test;
- test window;
- test cases, performing the test;
- contacts;
- test monitoring, test evaluation;
- certification.

Additional testing activities with the RPS SEPA-Clearer's test application may be carried out after consultation with the Test Centre if there is spare testing capacity.

2 Participants and conditions for participation in the customer test phase

All payment service providers with a bank sort code that currently use the SCT service via the RPS SEPA-Clearer as direct participants (hereinafter referred to as participants) and wish to continue to process such payments in future must successfully complete the tests described in this document. Continued participation in the RPS SEPA-Clearer's SCT service is contingent upon successful completion of these tests.

Participants must satisfy the following conditions to take part in the customer test phase:

1. The participant's own quality assurance tests have been conducted successfully.
2. Registration with the Bundesbank as a test participant stating the requisite data (BIC, bank sort code, contacts, etc.) is complete (see section 3 for the online application form).

3. An application to access the SMV tool has been successfully submitted (see the SMV Handbook).
4. Proxy tests are possible by arrangement. To this end, please provide the name of your proxy (service provider, bank, etc.) and one contact person in the online application form.

3 Registering to perform the test

Participants must apply to commence the test procedure **by no later than 3 September 2021** using the online application form on the Bundesbank's website.

www.bundesbank.de/en → Tasks → Payment systems → Services
→ Customer Test Centre → Online application form

Annex B provides instructions on how to complete this online application form.

4 Test window

The following window is available for customer testing:

4 to 29 October 2021

Test participants will each have a maximum of one calendar week to complete the test cases. They should therefore specify a preferred one-week slot in the application form.

It is advisable to register with the SMV tool – as specified above – well in advance of the respective test window in order to guarantee that the test runs smoothly.

EBICS customers that plan to use EBICS 3.0.1 from November 2021 and carry out their certification tests under the EBICS testing framework have the option of combining the testing activities for the two certification tests in the relevant test window specified in the EBICS testing framework. This test will take place in the Bundesbank's integration testing environment. These customers are not required to additionally carry out schema validation tests with the SMV tool.

5 Test cases, performing the test

Selected test cases will be used during testing to check the changes to the 2021 SEPA release (see Annex C).

The test files should take into account the changes to the EPC Rulebook 2021 and the associated Implementation Guidelines, in particular. Essentially, these concern the use of a new schema in each of the following message types as a result of individual adjustments being made: “Claim Non Receipt” (new schema for camt.027.001.06), “Payment Status Request” (new schema for pacs.028.001.01), “Resolution of Investigation” (new schema for camt.029.001.03 and camt.029.001.08) and “Claim for Value Date Correction” (new schema for camt.087.001.05).

There was no schema change for the payment of fees and/or interest compensation in connection with a SCT inquiry. In terms of technical implementation, new error codes will simply be used in the existing message type “Customer Credit Transfer” (pacs.008.001.02).

The test participant is responsible for ensuring conformance and completeness with respect to the scope of the uploaded files.

It should be noted that the test data used in the course of the certification test are anonymous real data and that the participant is responsible for anonymising them.

6 Contacts

Tests will be coordinated by the Bundesbank’s Customer Test Centre.

Customer Test Centre Z 421
Postfach 10 11 48
40002 Düsseldorf
Germany
Tel.: +49 (0)211 8742343
Email: testzentrum@bundesbank.de

The Customer Test Centre is available to answer queries and provide support between 08:00 and 16:00 CET, Mondays to Thursdays, and between 08:00 and 14:00 CET on Fridays. Owing to the large number of test participants, it is best to contact the Customer Test Centre by email (see the address above). In exceptional situations (urgent cases, etc.), it is possible to contact the Test Centre by telephone instead.

7 Test monitoring, test evaluation

Using the SMV tool, participants can independently check the validity of each submitted file. The Customer Test Centre merely checks that the validation report has been received. There are no plans for the Test Centre to carry out checks beyond this. If you have any questions or problems, please get in touch with the contacts listed in section 6.

Participants must ensure that the test process is documented.

8 Certification

The Bundesbank is to be informed of successful test completion (validation report in the SMV tool) by an email sent to testzentrum@bundesbank.de. In addition, this email must confirm that the changes to the EPC Rulebook 2021 and the associated Implementation Guidelines have been taken into account.

The Bundesbank will then send an email confirming the successful completion of the required authorisation tests to the person listed in the test procedure application form.

ANNEXES

A Reference documents

The following reference documents can be downloaded from the Bundesbank's website:

www.bundesbank.de/en → Tasks → Payment systems → RPS → SEPA-Clearer → Participation

- Procedural rules for SEPA credit transfers version 0.9 (valid from 22 November 2021)
[The Deutsche Bundesbank's procedural rules for the clearing and settlement of SEPA direct debits via the RPS SEPA-Clearer 2021](#)
- SCT/SCL technical specifications
[The Deutsche Bundesbank's technical specifications for the clearing and settlement of interbank SEPA credit transfers via the RPS SEPA-Clearer 2021](#)
- Schema files (download)
[Participation in the RPS SEPA-Clearer | Deutsche Bundesbank](#)
- SEPA Message Validation Tool (SMV tool) Handbook
www.bundesbank.de/en → Tasks → Payment systems → Services → Customer Test Centre → Handbook SEPA Message Validation Tool
(SMV Handbook to be updated in September 2021)
- Online application form
<https://www.bundesbank.de/en/tasks/payment-systems/services/customer-test-centre/test-procedure>

B Instructions for completing the online form “Test procedure application form”

Account holder	
Date *	Account holder *
Current date in DD.MM.2021 format	Test bank
At least one of the following fields must be filled in:	
Bank sort code or giro number	
12345678	
BIC (11 characters)	
AAAADEFFXXX	
Test BIC	
AAAADEF0XXX	
EBICS customer ID	
MFI Code (7 characters)	
Adress (used as postal address)	
Department	Employee ID number
Street or postbox *	Postcode/City *
Test bank street 1	60431 Frankfurt am Main Germany
Contact persons	
First name *	Last name *
John	Smith
Phone	E-mail *
+49 (0)69 1234 56789	Zahlungsverkehr@testbank.de
First name	Last name
Phone	E-Mail

We hereby ask the Deutsche Bundesbank, to arrange test-activities for the following procedures *

- EAI
- CAM
- Real-time house banking process
- CAM-IMPay
- CAM-SEPA
- Cheque processing service of the RPS
- SCL (Test-SUB-Account for T2 is necessary)

If necessary, several procedures can be selected.

via the following communication channel

- EBICS
- ExtraNet
- HBCI
- SWIFT

Purpose of the test-procedure

Please submit the corresponding applications for participation in the individual Deutsche Bundesbank procedures and for submissions to and deliveries from these Bundesbank procedures to the relevant customer support service team.

- New participant

Retest owing to/because of

- Expansion of range of functions
- Hardware migration
- Software migration
- Others

If necessary, several procedures can be selected.

Requested period for test activities

→ Select one week within the 4 October to 29 October 2021 test window

from *

DD.MM.2021

till *

DD.MM.2021

Information about the software

Software product (producer, name of software, version)

If requesting a proxy test:

“We are using the software of service provider XXX / XXX bank and would like to request that a proxy test be carried out.

**Contact person of the service provider/bank: Mr or Ms Smith
Telephone number and email address: Mr or Ms Smith”**

Software product (producer, name of software, version)

Remarks

Changes to the RPS SEPA-Clearer 2021

The personal data you provide are used by the Deutsche Bundesbank (Wilhelm-Epstein-Strasse 14, 60431 Frankfurt am Main, Germany, tel: +49 (0)69 95660, e-mail: info@bundesbank.de) for the purpose of processing your request. The Bundesbank's > Privacy Policy also apply.

Statement of Privacy *

I hereby agree that my personal data may be processed for the designated purpose. I have read the data protection provisions

You are entitled to withdraw your declaration of consent for the processing of personal data at any time. This does not affect the legitimacy of any processing that has taken place on the basis of this declaration of consent before it was withdrawn. You may withdraw your consent by contacting the Bundesbank. No special form is required.

C Test cases

The following test scenarios have to be performed successfully using the SMV tool. To this end, one file is to be uploaded for each of the following test cases in the SMV tool. The SMV tool is used solely to test XML schema validity. No tests are carried out against the plausibility checks that extend beyond this schematic validation.

Check of SCT file schema validity, taking into account changes to the EPC Rulebook 2021 and the associated Implementation Guidelines for the following new SCT schemas:

Test case	Transaction type	New schema*	Field entry rules
1	Claim Non Receipt	camt.027.001.06	Upload 1 test file (schema change: <Caseld> may not be left blank)
2	Resolution of Investigation	camt.029.001.03	Upload 1 test file (schema change: Day <AddtlInf> is mandatory in the new schema version)
3	Resolution of Investigation	camt.029.001.08	<p>Upload 1 test file with status ACVA or MODI using one of the two optional groups <Compstn> or <Chrgs> within the optional group <RsltRltdInf>.</p> <p>(Schema changes: The day <Id> under</p> <pre>+RsltOfInvstgtn ++RsltRltdInf +++Compstn ++++CdrAgt +++++FinInstnld ++++++Othr +++++++Id</pre> <p>or</p> <pre>+RsltOfInvstgtn ++RsltRltdInf +++Chrgs ++++Agt +++++FinInstnld ++++++Othr +++++++Id</pre> <p>is mandatory in the new schema version.)</p> <p><u>Note:</u> This is an optional test case in which the superordinate <RsltRltdInf> group (which itself is optional) is not being used in the live system. (If this is the case, please inform the Customer Test Centre by sending an email to Testzentrum@bundesbank.de).</p>

4	Claim for Value Date Correction	camt.087.001.05	Upload 1 test file (schema change: day <Caseld> may not be left blank)
5	Payment Status Request	pacs.028.001.01	Upload: 1 test file as ICF or IQF (schema change: use of group <OrgnlGrplnf> at group header level related to camt.056)
6	Payment Status Request	pacs.028.001.01	Upload: 1 test file as ICF or IQF (schema change: use of group <OrgnlGrplnf> at transaction level related to camt.027 or camt.087)
7	Customer Credit Transfer	No new schema for pacs.008.001.02	Upload 1 test file with a pacs.008 message for the payment of fees/interest compensation in connection with a SCT inquiry

*No new schema for pacs.008.001.02