Testing Framework

Optional UTEST integration for SEPA-Clearer and Cheque Processing Service testing

Version 1.0

Inhalt

1 Introduction

Tests with the SEPA-Clearer or Check Processing Service of the RPS of Deutsche Bundesbank usually involve the exchange of ISO message types structured in accordance with the relevant rules and regulations. In other words, a bidirectional exchange with the test environment of the respective application via the communication procedures EBICS or SWIFTNet File Act (inbound and outbound).

Successful settlement of the test files is assumed. Accordingly, settlement is usually not part of the tests.

However, in exceptional cases and at the request of single participants, there may be a need for such a test. For this purpose, the above-mentioned test environments are connected to the test environment of TARGET Services (UTEST).

In such a case, test files exchanged with the test environment of the SEPA-Clearer or Check Processing Service are utilized to simulate settlement of transactions on RTGS-DCAs and corresponding sub-accounts on UTEST. Test participants then receive account statements and settlement information matching their test files from UTEST.

If the integration of the settlement side is not part of mandatory release tests (e.g. in case of changes in the TARGET services), corresponding tests have to be requested from the test center. The test period and content will be agreed individually between the test center and the test participant.

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

- participants and conditions for participation;
- test registration;
- test window;
- test cases, testing procedure;
- contact persons;
- test monitoring, test evaluation.

These type of tests only concerns direct participants of the SCL or the Cheque Processing Service.

There is no test option for indirect participants and Reachable BIC holders. However, they can be taken into account by their direct participant in the latter's test parameters.

2 Participants and conditions for participation

All direct participants of the SCL and the Cheque Processing Service can choose to complete suitable tests as part of the optional customer tests.

Participants must satisfy the following conditions:

1. The participant successfully conducted its own quality assurance tests.

2. Registration as a test participant stating the requisite data (BIC, bank sort code, contacts, etc.) is complete.

3. The participant has set up the RTGS DCA incl. sub-accounts in UTEST using the T2 registration form and assigned them to the settlement bank account group of the respective ancillary system.

   This form is an editable Excel file with built-in validation checks. This form and further information can be found on the Bundesbank's website.

   Additional information can be found in the Annex C.

4. The RTGS DCA account holder in UTEST is able to supply their account with liquidity.

5. Communication (EBICS or SWIFTNet FileAct) to the test environment of the SCL or the Cheque Processing Service has been set up successfully.

3 Test window

The optional tests can be performed in coordination with the test center with an individually agreed schedule.

Please note that, parallel mandatory or acceptance test phases always have priority and in such a case a modified test period needs to be arranged.

To ensure appropriate support, the tests should take place between 08:00 and 16:00 on Mondays to Fridays.

4 Test registration

Participants must apply for testing 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.

5 Test cases and testing procedure

The test phase focuses on simulating the settlement of transactions of the SEPA-Clearer and the Cheque Processing Service on the TARGET platform. To this end, transactions submitted to the test environment of the SEPA-Clearer or the Cheque Processing Service will be validated accordingly and corresponding settlement information fed into the UTEST environment.

It is up to the participant to determine the nature and scope of testing. No rules are set by the Bundesbank on test cases, message types, test partners or test windows.

Participants are free to choose whether they address payments to their own institution or arrange bilateral agreements to exchange payments with other test participants. Any such agreements with other test partners should be arranged among the test participants themselves.

Alternatively, delivery of test files to participants can be simulated by the Test Centre.

During the testing, test participants must ensure that there is sufficient liquidity at all times on the corresponding RTGS DCA in UTEST.

The SCL or the cheque processing service takes care of managing liquidity in the sub-accounts used for settlement – just like during live operations. Test participants will not manage sub-account liquidity separately.

Stress tests do not form part of the optional tests and are therefore not permitted in this test phase.

Testing activities should take place using test data or anonymised real data.

6 Contacts

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

> Customner Test Centre Z 401
> Postfach 10 11 48
> 40002 Düsseldorf
> Tel.: +49 211 874 2343
> E-Mail: testzentrum@bundesbank.de

The Customer Test Centre is available to answer queries – preferably by email – from Monday to Friday between 08:00 CET and 16:00 CET.

The National Service Desk (NSD) provides information on UTEST operations and on creating accounts.

> Tel.: +49 69 9566 38870
> E-Mail: TARGETservices-Test@bundesbank.de

The NSD is available to answer queries – preferably by email – from Monday to Friday between 08:00 CET and 16:00 CET.

7 Test monitoring, test evaluation

Test participants are responsible for test monitoring. If you have any questions or problems, please get in touch with the contacts listed in section 6.

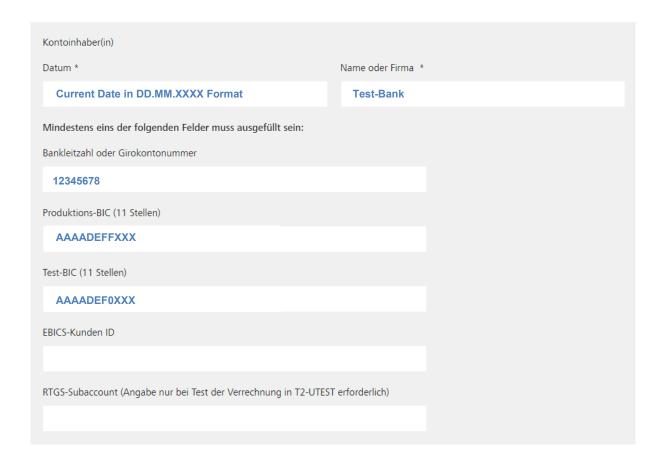Further evaluations or certifications by the Test Centre do not take place.

Annexes

A   Reference documents

- Online Application form

  Customer Test Centre | Test Procedure Application

B   Instructions for completing the test procedure application form"

Kontoinhaber(in)

Datum *

Current Date in DD.MM.XXXX Format

Name oder Firma *

Test-Bank

Mindestens eins der folgenden Felder muss ausgefüllt sein:

Bankleitzahl oder Girokontonummer

12345678

Produktions-BIC (11 Stellen)

AAAADEFFXXX

Test-BIC (11 Stellen)

AAAADEF0XXX

EBICS-Kunden ID

RTGS-Subaccount (Angabe nur bei Test der Verrechnung in T2-UTEST erforderlich)

Postanschrift

Abteilung

Ordnungsmerkmal

Postfach oder Straße *

Testbankstraße 1

PLZ und Ort *

60431 Frankfurt am Main

Kontaktpersonen

Vorname *

John

Nachname *

Smith

Telefon

069/12345678

E-Mail *

Zahlungsverkehr@testbank.de

Vorname

Nachname

Telefon

E-Mail

Verfahren der Deutschen Bundesbank *

☐ Elektronische Kontoinformation

☐ HBV-Individual

☐ HBV-Echtzeit

☐ HBV-IMPay

☐ HBV-SEPA

☒ Scheckabwicklung

☒ SEPA-Clearer

Bei Bedarf können mehrere Verfahren ausgewählt werden.

Über den Kommunikationskanal

☐ EBICS

☐ SWIFT

Zweck des Testverfahrens

Bei Neuteilnahme bitte Produktionsvordrucke für die jeweiligen Verfahren bei Ihrem zuständigen Kundenbetreuungsservice (KBS) einreichen.

☐ Neuteilnahme

Wiederholung wegen

☐ Funktionserweiterung

☐ Hardwarewechsel

☐ Softwarewechsel

☒ Sonstiges

Bei Bedarf können mehrere Verfahren ausgewählt werden.

Gewünschter Testzeitraum

Von *	Bis *
DD.MM.JJJJ	DD.MM.JJJJ

Angaben zur Software

Softwareprodukt (Hersteller, Softwarebezeichnung, Version)

Softwareprodukt (Hersteller, Softwarebezeichnung, Version)

Bemerkungen

„Optional Test – Settlement of SEPA Clearer / Cheque Processing Service in UTEST"

![Deutsche Bundesbank Eurosystem logo]

Datenschutzerklärung*

Die von Ihnen erhobenen personenbezogenen Daten werden von der Deutschen Bundesbank (Wilhelm-Epstein-Str. 14, 60431 Frankfurt am Main, Tel: 069 9566-0, E-Mail: info@bundesbank.de) zum Zweck der Bearbeitung Ihres Anliegens verarbeitet. Im Übrigen gelten unsere › Datenschutzbestimmungen.

Pflichtfeld *

[X] Hiermit willige ich ein, dass meine personenbezogenen Daten für den genannten Zweck verarbeitet werden. Die Datenschutz-
bestimmungen habe ich gelesen.

Sie haben das Recht, Ihre Einwilligung in die Verarbeitung jederzeit zu widerrufen. Die Rechtmäßigkeit der aufgrund der Einwilligung bis zum Widerruf erfolgten Verarbeitung bleibt unberührt. Ihren Widerruf können Sie formlos an die Deutsche Bundesbank richten.

Senden

Zurücksetzen

C Test reference data

Sub-Accounts in TARGET2-customer Test environment

The RTGS sub-accounts are designated for this customer test phase in the same way as for live operations:

Account Type	CB Country Code	Currency Code	Party BIC	Ancillary System Code	Sub Classification
U	DE	EUR	[BIC11]	DE1 bzw. DE2	[Free text 14]

"U" denotes the account type sub-account. "DE" is the country code for all accounts held with the Bundesbank. If the account is opened with a different national central bank, the country code of the respective country is shown here. The currency code for accounts used for settlement in the SCL and the cheque processing service is always "EUR".

The three-character ancillary system code denotes the ancillary system for which the sub-account is used for settlement purposes. The codes are as follows:

- DE1 for the SCL
- DE2 for the cheque processing service

14 characters of free text are available that account holders can (but do not have to) populate as they see fit using the permitted character set. While the Bundesbank does not set any rules for this free text, it does recommend entering the BIC of the linked RTGS DCA unless it is identical to the party BIC. This may, for example, be the case where multiple RTGS DCAs are used.

Since both SCL and cheque processing service use ancillary system settlement procedure "C", the sub-accounts must be linked to an RTGS DCA to which liquidity is automatically returned following completion of a settlement procedure. The RTGS DCA needs to be of the same party at the same central bank.

In addition, both the sub-account and the linked RTGS DCA must be added to the settlement bank account group of the corresponding ancillary system. This is done on screen 5 of the registration form "Setting Up Groups".

The group names in this case are as follows:

- DESMARKDEFFSCL for the SCL
- DESMARKDEFFSVD for the cheque processing service

The T2 registration form should be submitted to the relevant customer service team (KBS).

Assigning test accounts in the SCL or cheque processing service

Sub-accounts opened in the T2 test environment must be assigned to test participants in the test environment of the SCL or the cheque processing service. The following forms should be used for this purpose:

SEPA-Clearer: form **4791**,
if a settlement agent is used: forms **4792** + **4793**

To avoid confusion with the forms used for live operations, forms should be marked with "**Optional test – SCL settlement**".

Cheque processing service: form **4780**,
if a settlement agent is used: forms **4062** + **4063**

To avoid confusion with the forms used for live operations, forms should be marked with "**Optional test – cheque processing service settlement**".

Please submit these forms for the SEPA-Clearer or cheque processing service **directly to the Test centre**.