

| T2S CHANGE REQUEST FORM | | |
|---|--|--|
| General Information (Origin of Request) | | |
| <input type="checkbox"/> User Requirements (URD) or GUI Business Functionality Document (BFD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS) | | |
| Request raised by: Eurosystem | Institute: ECB | Date raised: 19/10/2021 |
| Request title: Export of T2S cash transactional data from the Data Warehouse to a Eurosystem's monetary policy application | | Request No.: T2S-0772-SYS |
| Request type: Common | Classification: Scope enhancement | Urgency: Fast-track |
| 1. Legal/business importance parameter¹: High | | 2. Market implementation efforts parameter²: Low |
| 3. Operational/Technical risk parameter³: Low | | 4. Financial impact parameter: Low |
| Requestor Category: Eurosystem | | Status: Allocated to a release |

Reason for change and expected benefits/business motivation:

The Eurosystem, coordinated by DG-M of the ECB, performs analysis of monetary policy operations. To do so, it relies on several indicators.

One such indicator is the "peak liquidity need": a counterparty's hypothetical need for marginal lending (MLF): How much marginal lending would the counterparty need if this moment were the end of the business day? The value of the indicator is the maximum of this 'hypothetical MLF' during a given day.

The hypothetical MLF calculation relies on T2S DCA balances and movements stored in the DWH (the calculation will be an approximation: the maximum computed over a limited set of data points)

The indicator will provide one daily value for each monetary financial institution (MFI), which will be sent to DG-M's application "MOPDB" and be then available for analysis by all Eurosystem central banks (i.e. a central bank can see the indicator for MFIs under another central bank).

Description of requested change:

A predefined report to compute the peak liquidity need indicator must be setup in the DWH using all T2S DCA balances and movements for a given business day. This report must be retrievable by midnight on the following open day for integration in the ECB DG-M application MOPDB. The full description of the report is detailed in CSLD-0082-URD.

This T2S change request is necessary for the implementation of CSLD-0082-URD.

Submitted annexes / related documents:

¹ Legal/business importance parameter was set to High because DG-M currently relies on manual intervention by all Eurosystem NCBs to compute the indicators.

² Market implementation effort parameter was set to Low because the CR does not require any adaptation by T2S users.

³ Operational/technical risk parameter was set to Low because the initial configuration and daily production of a new report in DWH is not expected to affect T2S operations.

Submitted annexes / related documents:

Outcome/Decisions:

*CRG on 9 November 2021: The CRG members considered CR-772 to be stable and agreed that its preliminary and/or detailed assessment should start only when such an assessment is launched for CSLD-CR-82

*CRG on 17 January 2022: the CRG agreed to recommend CR-772 for authorisation by the T2S Steering Level, following a fast-track approach

*AMI-SeCo on 26 January 2022: the AMI-SeCo agreed with the CRG recommendation of CR-772 for T2S Steering Level Authorisation

*CSG on 27 January 2022: the CSG agreed to authorise CR-772

*NECSG on 27 January 2022: the NECSG agreed to authorise CR-772

*MIB on 03 February 2022: the MIB agreed to authorise CR-772

*PMG on 19 April 2022: the PMG agreed to launch the detailed assessment of CR-772 with a view of scoping in Release R2023.NOV

*CRG on 25 August 2023: The CRG agreed to recommend to the PMG the inclusion of CR-0772 within the scope of R2024.NOV.

*OMG on 25 August 2023: the OMG identified no operational impact from the inclusion of CR-0772 in R2024.NOV.

*PMG on 25 August 2023: the PMG agreed to recommend the inclusion of CR-0772 in the scope of R2024.NOV.

*CSG on 13 September 2023: the CSG approved the inclusion of CR-0772 in the scope of R2024.NOV.

*NECSG on 13 September 2023: the CSG approved the inclusion of CR-0772 in the scope of R2024.NOV.

*MIB on 26 September 2023: the MIB approved the inclusion of CR-0772 in the scope of R2024.NOV.

Documentation to be updated:

Preliminary assessment:

Detailed assessment:

| EUROSYSTEM ANALYSIS – GENERAL INFORMATION | | | |
|--|---|---|--|
| T2S Specific Components | | Common Components | |
| LCMM | | | |
| | Instructions validation | | |
| | Status management | | |
| | Instruction matching | | |
| | Instructions maintenance | | |
| | Penalty Mechanism | | |
| Settlement | | | |
| | Standardisation and preparation to settlement | | |
| | Night-time Settlement | | |
| | Daytime Recycling and optimisation | | |
| | Daytime Validation, provisioning & booking | | |
| | Auto-collateralisation | | |
| Liquidity Management | | | |
| | Outbound Information Management | | |
| | NCB Business Procedures | | |
| | Liquidity Operations | | |
| T2S Interface | | Eurosystem Single Market Infrastructure Gateway (from R6.0 June 2022) | |
| | Communication | | Communication |
| | Outbound Processing | | Outbound Processing |
| | Inbound Processing | | Inbound Processing |
| Static Data Management (until June 2022) | | Common Reference Data Management (from R6.0 June 2022) | |
| | Party data management | | Party data management |
| | Securities data management | | Securities data management |
| | Cash account data management | | Cash account data management |
| | Securities account data management | | Securities account data management |
| | Rules and parameters data management | | Rules and parameters data management |
| Statistics and archive | | Statistics and archive | |
| | Statistical information (until June 2022) | | Short term statistical information |
| | Legal archiving (until June 2022) | | Legal archiving (from R6.0) |
| | | X | Data Warehouse (from R6.0) |
| Information (until June 2022 containing reference data) | | CRDM business interface (from R6.0 June 2022) | |
| | Report management | | Report management |
| | Query management | | Query management |
| | | | Communication |
| | | | Outbound Processing |
| | | | Inbound Processing |
| Operational Services | | | |
| | Data Migration (T2S DMT) | | Data Migration (CRDM DMT, from R6.0) |
| | Scheduling (until June 2022) | | Business Day Management (from R6.0) |
| | | | Business Day Management business interface (from R6.0) |
| | Billing (until June 2022) | | Billing (from R6.0) |
| | | | Billing business interface (from R6.0) |
| | Operational Monitoring | | Operational and Business Monitoring |
| | MOP Contingency Templates | | |

| Impact on major documentation | | | |
|--|-----------|----------------|-------|
| Document | Chapter | Change | |
| Impacted GFS chapter | | n.a. | |
| Impacted UDFS chapter | | n.a. | |
| Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates) | | n.a. | |
| UHB | | n.a. | |
| External training materials | | n.a. | |
| Other impacted documentation (FA Sch. 05, FA Sch. 07) | | n.a. | |
| Impacted GDPR message/ screen fields | | No GDPR impact | |
| Links with other requests | | | |
| Links | Reference | | Title |

| OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2S SYSTEM AND ON THE PROJECT |
|--|
| Summary of functional, development, infrastructure and migration impacts |
| <ul style="list-style-type: none"> • Integration of the T2S data into the new DWH predefined report IDC17 as described in CSLD-0082-URD • The scope of this report will be the whole Eurosystem • The MFI code will be the main criteria |
| Main Cost drivers |
| <ul style="list-style-type: none"> • Development of a new complex predefined report • New aggregation of data needed for "peak liquidity need" (T2S data to be integrated into report IDC17 as described in CSLD-0082-URD) |
| Impact on other TARGET Services and projects |
| No impact on ECMS and TIPS. CR is necessary for the implementation of T2-0082-URD. |
| Summary of project risk |
| No risk has been identified |
| Security analysis |
| No adverse effect has been identified during detailed assessment. |

DG - MARKET INFRASTRUCTURE & PAYMENTS

ECB-PUBLIC



15 August 2023

Cost assessment on Change Requests

| T2S-772-SYS – Export of T2S cash transactional data from the Data Warehouse to a Eurosystem’s monetary policy application | | | |
|--|---------------------|-----------|------|
| One-off | Assessment costs* | | |
| | - Preliminary | 0.00 | Euro |
| | - Detailed | 10,000.00 | Euro |
| One-off | Development costs | 67,217.55 | Euro |
| Annual | Operational costs | | |
| | - Maintenance costs | 5,272.56 | Euro |
| | - Running costs | 0.00 | Euro |

*The relevant assessment costs will be charged regardless of whether the CR is implemented (Cf. T2S Framework Agreement, Schedule 7, par. 5.2.3)