



EUROPEAN CENTRAL BANK

EUROSYSTEM

Status update on T2S Change and Release management

AMI-SeCo

24-25 June 2021

Market Infrastructure Development
DG Market Infrastructures and Payments



Overview

- 1 Releases 5.x
- 2 Releases 6.x
- 3 Releases 7.x
- + Appendix (Approved/proposed scope for upcoming releases)

Releases 5.x (June 2021 – June 2022)

- Release 5.0
 - Deployed to Production on 12 June 2021
 - Scope: 19 CRs approved + 27 PPs + 2 editorial CRs
 - Enhancements to T2S message contents (status updates, reports, allegations, cancellation instructions) (CR-503, CR-615, CR-688, CR-690, CR-692)
 - Enhancements to T2S cash forecast (CR-556, CR-629, CR-630)
 - 6 CRs related to T2-T2S Consolidation, including CR-710 'Daily maintenance window only for urgent changes' (CR-696, CR-704, CR-708, CR-709, CR-710, CR-729)
 - 4 CRs related to the T2S penalty mechanism (CR-692 (Send status update message upon transition to 'Failing'), CR-717 (Exemption from Late Matching penalties on settlement instructions created as a result of partially successful buy-ins), CR-738 (Bypass check on issuance account for PFODs on a multi-issued ISIN), CR-755 (T2S Penalty Mechanism: Updates and optimisations on the schedule of activities))
 - CR-383 (Possibility of submitting already matched cross-CSD settlement instructions)
 - CR-681 (T2S should allow updates of securities data with an issue date lower than current date)
 - 2 editorial CRs (CR-743, CR-744)

Releases 5.x (June 2021 – June 2022) (continued)

- Release 5.1
 - Deployment 18 September 2021
 - Current scope: 11 Production problems
- Release 5.2
 - Deployment 20 November 2021
 - Current scope: 14 CRs + 1 editorial CR
 - 3 CR related to the T2S Penalty Mechanism (CR-745, CR-748 and CR-759)
 - 2 CRs (CR-746 and CR-747) introducing new tools as follow-up to the 26th May 2020 incident
 - 7 CRs related to auto-collateralisation and ECMS (CR-384, CR-436, CR-530, CR-572, CR-574, CR-680, CR-714)
 - 1 CR related to the T2-T2S Consolidation Project (CR-697)
 - CR-722 (Upgrade of non-repudiation for U2A)
 - CR-765 (Multiplex Editorial Change Request (for R5.2))
- Release 5.3
 - Deployment 19 February 2022
 - Scope: Fixes for production problems (none yet allocated)

Releases 6.x (June 2022 – June 2023)

- Release 6.0
 - Deployment 11 June 2022
 - With R6.0, T2S will start using the 6 common components (i.e. software components that are or will be used also by other TARGET Services):
 - ESMIG (Connectivity layer)
 - CRDM (Reference data)
 - BILL (Billing)
 - BDM (Business day manager)
 - DWH (Data warehouse)
 - LEA (Legal archiving)
 - Current scope: 12 CRs + 1 PP + 5 CRs under detailed assessment (CR-733, CR-739, CR-753, CR-758, CR-760)
 - 6 CRs related to T2-T2S Consolidation, including the migration of T2S to the new connectivity layer ESMIG (CR- 699, CR-700, CR-701, CR-705, CR-706, CR-707)
 - 2 CRs enhancing the elements available in T2S messages/screens (CR-611, CR-726)
 - 3 CRs enhancing the processing of instructions sent to T2S (CR-557, CR-741, CR-742)
 - 1 CR introducing new tools as follow-up to the 26th May incident (CR-750)

Releases 6.x (June 2022 – June 2023) (continued)

- Release 6.1
 - Deployment 17 September 2022
 - Scope: Fixes for production problems (none yet allocated)
- Release 6.2
 - Deployment 19 November 2022
 - Context: The go-live of the T2-T2S Consolidation project is now scheduled in November 2022
 - Current scope: 2 CRs
 - 1 CR related to the T2-T2S Consolidation Project (CR-734)
 - 1 CR enhancing the elements available in T2S messages/screens (CR-620)
- Release 6.3
 - Deployment 18 February 2023
 - Scope: Fixes for production problems (none yet allocated)

Releases 7.x (June 2023 – June 2024)

- Release 7.0
 - Deployment 10 June 2023
 - Scope: 1 CR under detailed assessment (CR-720)

- Release 7.1
 - Deployment September 2023
 - Scope: Fixes for production problems (none yet allocated)

Releases 7.x (June 2023 – June 2024) (continued)

- Release 7.2
 - Deployment November 2023
 - Context: The go-live of the ECMS project is now scheduled in November 2023

- Release 7.3
 - Deployment February 2024
 - Scope: Fixes for production problems (none yet allocated)

Appendix

Background information

Background information

- Last published ranking of authorised Change Requests
 - https://www.ecb.europa.eu/paym/target/t2s/governance/pdf/crg/t2s_cr_ranking.pdf
- Last published versions of T2S Change Requests
 - <https://www.ecb.europa.eu/paym/target/t2s/governance/html/changerequests.en.html>
- Approved/proposed scope for upcoming T2S releases (CRs only)
 - Next slides
- Overview of deployment of T2S CRs related to T2-T2S Consolidation
 - Slide 18

Release 5.0

- Approved CRs

CR	Title
T2S-0383-URD	Possibility of submitting already matched cross-CSD settlement instructions
T2S-0503-SYS	T2S Actor Reference and T2S Reference of counterparty's settlement instruction should be included in T2S messages sese.024, sese.025 and sese.032 after matching
T2S-0556-SYS	Modification of cash forecast for the current and following business day after DVP cut-off
T2S-0615-SYS	Enrich values in "Transaction activity field" of the "Securities Transaction Posting Report (semt.017)", of the "Securities Transaction Pending Report (semt.018)" and in "Bank Transaction Code" in the "End of Day Account Statement (camt.053)" with all ISO20022 codes
T2S-0629-SYS	Enhance Cash Forecast Query and Report to display CORP related cash movements separately
T2S-0630-SYS	Cash forecast: skip cash closing days and introduce breakdown per Hold/Released status
T2S-0681-SYS	T2S should allow updates of securities data with an issue date lower than current date
T2S-0688-SYS	Enhanced reporting of cancellation reason codes
T2S-0690-SYS	Unprune fields in settlement allegements

Release 5.0

- Approved CRs

CR	Title
T2S-0692-SYS	Send status update message upon transition to 'Failing'
T2S-0696-SYS	Common Reference Data Management for T2-T2S Consolidation – New objects
T2S-0704-SYS	CRDM Business Interface development
T2S-0708-URD	Allow Liquidity Transfers from a T2S DCA to a RTGS or TIPS DCA (including CB accounts)
T2S-0709-URD	Make the mandatory automated cash sweep at 17:45 optional
T2S-0710-URD	Daily maintenance window only for urgent changes
T2S-0717-URD	T2S penalty mechanism: exemption from LMFP on settlement instructions created as a result of partially successful buy-ins
T2S-0729-SYS	Extend the maximum length of references to 35 characters for T2S liquidity transfers in EUR and ensure valid cross-service LTs with camt.050 changes
T2S-0738-SYS	Bypass check on Issuance account for PFODs on a multi-issued ISIN
T2S-0743-BFD	Editorial updates to the GUI Business Functionality Document (related to CR-653, CR-654, CR-722 and CRG-PBR-0022)
T2S-0744-SYS	Multiplex Editorial Change Request on DMT, GFS, UDFS and UHB (for R5.0)
T2S-0755-SYS	T2S Penalty Mechanism: Updates and optimisations on the schedule of activities

Release 5.2

- Approved CRs

CR	Title
T2S-0384-SYS	A2A message to make securities ineligible for auto-collateralisation
T2S-0436-URD	Client-collateralisation: allow payment banks to set up their own list of close links
T2S-0530-URD	One close link database for Eurosystem NCBs and separate database per non-EUR currency
T2S-0572-SYS	A2A message to remove close links
T2S-0574-URD	Applying additional haircuts to own-used assets in T2S auto-collateralisation
T2S-0680-SYS	T2S should allow ECMS to receive flat file statement of holdings, transactions and pending instructions at the level of securities accounts
T2S-0697-SYS	Billing common component for T2S
T2S-0714-SYS	T2S should allow ECMS to receive the notifications of relocation instructions (sese.032 and sese.025)
T2S-0722-URD	Upgrade of non-repudiation for U2A
T2S-0745-URD	T2S penalty mechanism must provide increased flexibility for the penalty computation currency in case of FOP instructions

Release 5.2

- Approved CRs

CR	Title
T2S-0746-SYS	Mitigation measures for missing partial settlements and new COLGEN tool
T2S-0747-SYS	NTS cash contingency cases management- new CASHGEN tool
T2S-0748-URD	Dedicated list of Central Counterparties (CCPs) to identify and flag CCPs in the penalty reports generated by T2S
T2S-0759-URD	T2S Penalty Mechanism: Reporting with reason code 'new penalty' (NEWP) in the List of Modified Penalties
T2S-0765-SYS	Multiplex Editorial Change Request (for R5.2)

Release 6.0

- Approved CRs

CR	Title
T2S-0557-SYS	Skip validations on minimum settlement unit (MSU) and settlement unit multiple (SUM) for settlement instructions related to Market Claims and Transformations
T2S-0611-SYS	Cash Account Postings GUI Screen to include the T2S Actor References
T2S-0699-SYS	Decommissioning LTSI, scope and definition of queries and reports and access specifications to Data Warehouse functionalities
T2S-0700-SYS	Legal Archiving common component for T2S
T2S-0701-SYS	ESMIG impact on T2S
T2S-0705-SYS	CRDM Business Interface Impact on T2S
T2S-0706-SYS	Billing common component – T2S Migration
T2S-0707-SYS	T2-T2S Consolidation Business Day Management – T2S Migration
T2S-0726-SYS	No redundant status update on instructions pending due to counterparty hold

Release 6.0

- Approved CRs

CR	Title
T2S-0741-SYS	Enable settlement of custody-related settlement restrictions in NTS Sequence 1
T2S-0742-SYS	Enable PFOD for external CSD settlement
T2S-0750-SYS	AID tool for the T2S Operator

- CRs under detailed assessment

CR	Title
T2S-0733-SYS	Definition of a classification of transactions for CB T2S data
T2S-0739-SYS	Prioritise transactions with an older intended settlement date over newer ones also after ISD+3 of the newer transaction
T2S-0753-SYS	Export of T2S cash transactional data from the Data Warehouse to a Eurosystem's analytical platform
T2S-0758-SYS	Own party data must be present for already matched cross CSD instructions
T2S-0760-URD	T2S Penalty Mechanism: Reporting the transaction details

Release 6.2

- Approved CRs

CR	Title
T2S-0620-SYS	Allow CSDs to query for all positions in a given security via T2S GUI
T2S-0734-SYS	Allow 18 digits (of which max 2 decimals) in Amount fields of messages camt.004, camt.052, camt.053

Release 7.0

- CRs under detailed assessment

CR	Title
T2S-0720-URD	Optional inbound liquidity transfer in case of negative NCB account balance at liquidity cut-off

T2S perspective on the T2-T2S Consolidation roll-out: overview as of 19 November 2020

R4.0 (Jun 2020) R4.2 (Nov 2020) R4.3 (Feb 2021) R5.0 (Jun 2021) R5.1 (Sep 2021) R5.2 (Nov 2021) R5.3 (Feb 2022) R6.0 (Jun 2022) R6.1 (Sep 2022) R6.2 (Nov 2022) R6.3 (Feb 2023) R7.0 (Jun 2023)

					ESMIG & CC	CSLD go-live	
ESMIG (Connectivity)					CR-701		
CRDM (Reference data)	CR-719	CR-721	CR-696, CR-704		CR-705	RTGS → CLM a/c	
BILL (Billing)				CR-697	CR-706		
BDM (Business day)		CR-698			CR-707		
DWH (Historical data)					CR-699		
LEA (Legal archiving)					CR-700		
T2-T2S communication		CR-702, CR-703	CR-729			CR-734	
Liquidity management			CR-708, CR-709			EUR cash sweep decommissioned	
Maintenance window			CR-710				