



T2-T2S Consolidation

T2 Production Conditions document

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Based on the PBI report of 27/03/2024 (cut-off 26/03/2024)

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1. Introduction

T2 started operations on business day 20 March 2023 following the testing of the software in 3 test stages: 1) the Euro system Acceptance Testing (EAT) performed by the Eurosystem as a whole, 2) the Central Bank Testing (CBT) conducted by Central Banks and 3) the User Testing (UT) executed by Central Banks and Participants.

During these test stages, some software limitations have been identified. While most of the limitations have been resolved, the remaining and the ones identified after the go-live, are being gradually lifted during the ongoing operational phase. Many fixes have been deployed with the standard T2 release R2023.NOV (18 November 2023). Some more fixes are planned with the T2 release R2024.JUN, the T2 release R2024.NOV and the T2 Hot Fix release planned for February 2024.

The objective of this document is to provide an overview of those limitations and their resolution timeline in such a way that Central Banks and Participants are aware of these, adapt their processes accordingly and avoid raising incidents against the documented limitations.

This document will present the limitations in two categories:

1. Functionalities not yet released nor delivered
2. Functionalities delivered with restrictions.

Deleted information compared to the previous version is flagged in red, new information is shown in green.

This document includes an annex (Production conditions document - Annex A – PBI extract) which provides further descriptions on open defects including the Business Oriented Descriptions (BOD).

Both this T2 Production document and its annex are being revised fortnightly to provide users with the latest updates on the software evolution.

2. Functionalities not yet released nor delivered

All functionalities relevant for participants have been released to PROD.

3. Functionalities delivered with restrictions

This category includes the participants functionalities delivered to PROD but impacted by open defects.

The section is divided in sub-sections which relate to specific components (e.g. CRDM, CLM, etc). Each component sub-section is introduced by an overview followed by a list of open defects. For each open defect, the list includes the PBI number i.e. problem reference, the description of the problem and target delivery date of the fix in the production environment. The target delivery date “To be confirmed” refers to any of the following cases: 1) a fix to the problem has already been delivered but still needs to be confirmed as successfully retested by the users or 2) an unsuccessful retesting or the problem is still under analysis.

3.1 CRDM

3.1.1 Overview

CRDM functionalities are released with restrictions. This component is still impacted by open defects presented in the following section.

Note: the participants are requested to follow the recommendations described in the document [“CLM/RTGS Reference Data / recommendations for setting up data in CRDM”](#) to avoid data inconsistencies that might hamper the business day processing. This document will be shared by the relevant National Service Desk (NSD).

3.1.2 Open defects impacting CRDM

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000228638	Medium	CRDM allows configuring SOs with AS procedure and cash account not compatible	T2 R2024.JUN
PBI000000228730	Medium	[T2][CRDM][PROD][U2A] The field annual threshold amount cannot be updated with an amount with two digits after the comma.	T2 R2024.JUN
PBI000000229061	Medium	routing configuration	TO BE CONFIRMED

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000226571	Medium	Business rule DPU4021 does not allow the update of Party Service Link U2A-only flag to TRUE if there are existing and active Report Configurations (among other objects)	T2 R2024.JUN
PBI000000224841	Medium	It is not possible to subscribe to camt.025 as an optional answer to CRDM messages camt.024, camt.071, camt.011, camt.012 and camt.048	T2 R2024.JUN
PBI000000230942	Medium	FULL RTGS Directory contained errors.	TO BE CONFIRMED T2 R2024.NOV
PBI000000231306	Medium	[T2 CR-0097]- AS leader Party and its CB cannot see all the account BIC of the SBAG components	T2 R2024.JUN
PBI000000231390	Medium	T2 CRDM Revision screen U2A an overlap in the screen	TO BE CONFIRMED T2 R2024.NOV
PBI000000231551	Medium	During A2A tests related to CR T2-97 on retrieving the Settlement Bank Account Group (SBAG) of the Leader Party, we receive the following error: "No data found or no data found within the user's allowed data scope"	R2024.JUN
PBI000000231820	Medium	this has been opened out of the JUN.2024 CR 0097: Query SBAG Account BICs via messages	TO BE CONFIRMED
PBI000000232035	Medium	updating a user makes it impossible for this user to connect to BILL until the next data propagation	TO BE CONFIRMED

3.2 CLM

3.2.1 Overview

CLM functionalities are released with restrictions. This component is still impacted by open defects presented in the following section.

3.2.2 Open / issues defects impacting CLM

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000229228	Medium	Difference between data from camt.054 and data from camt.006 (there are missing fields).	T2 R2024.JUN
PBI000000229496	Medium	Automated liquidity transfer	T2 R2024.JUN
PBI000000228846	Medium	[T2 IAC-B MT-V.6.0.2.0] CLM, U2A screen 'List of Available Liquidity by Party' - inconsistent display of error icon in case of erroneous response from T2S	T2 R2024.JUN
PBI000000229120	Medium	[4CBC][MT V.6.0.5.0] [Shared Component][Table] Set a specific focus/Highlight visualization to have a well visible selection across different browsers.	T2 R2025.JUN

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000229187	Medium	[T2 INTEG MT-V.7.0.0.0] List of Broadcasts (RTGS/CLM) - column "Subject" - deviation between mapping spec and implementation	T2 R2025.JUN
PBI000000229691	Medium	[PROD] Intraday credit use maxima exceeds credit line amount maxima	T2 R2024.NOV
PBI000000230133	Medium	E018 received even if BDM cutoff was not reached yet.	T2 R2024.NOV
PBI000000227753	Medium	Business transaction 9071346 did not close	T2 R2024.JUN
PBI000000228387	Medium	[T2 SDD-PBR-099] [4CBC][T2 IAC MT-6.0.0.0] GUI: Query Overnight Deposit Accounts in Dashboard Query Screen for Ancillary Systems	T2 R2024.NOV
PBI000000228812	Medium	Camt.054 received with amount 0.00	T2 R2024.JUN
PBI000000228864	Medium	camt.050 from CLM to RTGS without amount	T2 R2024.JUN
PBI000000228210	Medium	Issue with CLM camt.006 responses.	T2 R2024.JUN
PBI000000228236	Medium	GUI - list of account postings for co-managed accounts not visible	T2 R2024.JUN
PBI000000227969	Medium	CLM-Screen "Query Events" contains less events than mentioned in BDM and UHB	T2 R2024.JUN
PBI000000227233	Medium	Standing order reservation did not work.	T2 R2024.JUN
PBI000000226886	Medium	EoD RTGS balances	T2 R2024.JUN
PBI000000227605	Medium	Inconsistent minimum reserve values. Inconsistency between the minimum reserve values displayed in T2 CLM GUI and the values reported in the camt.004 message sent by CLM	T2 R2024.JUN
PBI000000230854	Medium	camt.004 message without closing balance and account information	T2 R2024.JUN
PBI000000231059	Medium	Validation Rule VR01420 not triggered for camt.005. In case a camt.005 is sent with an 'Account Identification' referencing a non-existing cash account (i.e. incorrect cash account identification is provided) the error E112 is expected but not raised (instead E118 is returned)	TO BE CONFIRMED
PBI000000230917	Medium	Query and Display cash account liquidity_dashboard (CLM) - Account selection - drop down list deviating from UHB	TO BE CONFIRMED
PBI000000231211	Medium	Wrong information on camt.006 delta	T2 R2025.JUN
PBI000000231300	Medium	[Minimum Reserve] CLM U2A: screen <List of Minimum Reserve (Direct)> - excessReserveExemptionBalance is not calculated correct when runningAverage > excessReserveExemptionThreshold	TO BE CONFIRMED
PBI000000231708	High	Inter-Service LT; Business case not closed, autom. LT wrongly triggered, no camt.025.	T2 R2024.JUN
PBI000000231764	Medium	Outbound messages camt.025 (with E018) have been sent via the external channel instead of the internal channel	T2 R2024.JUN
PBI000000231796	Medium	Exception in processing of automated pull LT	T2 R2024.JUN
PBI000000231826	Medium	Standing order liquidity transfers between CLM and T2S wrongly executed.	T2 R2024.JUN
PBI000000231908	Medium	Query and Display cash account liquidity dashboard (CLM) - Account selection - wrong behaviour of Multi-Smart-Select Switchable elements	T2 R2024.JUN

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000231927	Medium	If a floor notification (camt.004) and a floor pull liquidity transfer are both triggered with the same payment for one cash account the creation of the automated floor pull	TO BE CONFIRMED
PBI000000231939	Medium	Query/List Messages - wrong sort order in result list	TO BE CONFIRMED
PBI000000232030	Medium	when end of minimum reserve period is a Friday, the running average calculated on next Monday is not correct	TO BE CONFIRMED
PBI000000231659	Medium	Details of Task Queue - Column 'Old value' does not display the previous amount for task types 'Change Credit Line Fixed Amount' and 'Increase/Decrease Credit Line Delta Amount'.	R2024.NOV
PBI000000232056	Medium	query camt.005 is always rejected with E110 ("Search criteria not in data scope of business sender") even when search criteria is the amount	T2 R2024.JUN
PBI000000232158	Medium	when floor is triggered the credit account in internal camt.050 push LT CLM->RTGS is not correct (pull LT is ok)	R2024.JUN
PBI000000232067	Medium	Queued pacs.010 payment by reservation not settled after coverage by LT; entries in tables 760c, 560c, 660c, 500 stay open, error in tgy700.	T2 R2024.JUN
PBI000000232120	Medium	[T2 CLM] E117 error after upload a file to CLM for MR authorization	TO BE CONFIRMED

3.3 RTGS

3.3.1 Overview

RTGS functionalities are released with restrictions. This component is impacted by open defects presented in the following section.

3.3.2 Open defects impacting RTGS

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000230127	High	[C2 DASH] Abend during the camt.053 Statement of Account creation	TO BE CONFIRMED
PBI000000228554	Medium	[T2 IAC-B MT-V.5.1.6.8] CSLD RTGS,CLM U2A screens, Textarea fields "XML File" having incorrect background colour	T2 R2024.JUN
PBI000000228793	Medium	[T2 IAC-B MT-V-5.1.5.1, GUI] RTGS, U2A - Upload A2A or File ends in Exception (TGPY700)	TO BE CONFIRMED
PBI000000229113	Medium	[INTEG] V6.2.0.0] GUI.UC.0980 - Modify AS transfer order - Context Menu Entry 'Increase/Decrease' is visible for PB-User	TO BE CONFIRMED R2025.JUN
PBI000000229194	Medium	[T2 INTEG MT-V.7.0.0.0] Query used amounts for direct debits - Duplicate Entry in List	T2 R2024.JUN
PBI000000229630	Medium	[C2 DASH] LMTNETW RTGS OT 11000 AMBP1BRK 2023-08-14-04.25.41.631116CASHTRANSFER Error Number in Exception: 2322	TO BE CONFIRMED T2 R2024.JUN
PBI000000229938	Medium	PTCB participants complains about ReturnLimit (camt.010) without tag MsgDefldr	T2 R2024.JUN

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000229956	Medium	[T2] [UTEST] [RTGS] [A2A] Possible failed retest of PBI000000229842	T2 R2024.NOV
PBI000000230179	Medium	Camt.003 query abend with technical error	T2 R2024.NOV
PBI000000230183	Medium	Technical error instead of rejection of camt.011 message	T2 R2025.JUN
PBI000000230216	Medium	[C2 DASH] LMTNETW RTGS OT 12173 WMBP1BRK 2023-11-13-10.01.22.552912CAMT025_INTERNAL 12173 - TIVOLI error raised: 12173	T2 R2024.JUN
PBI000000230351	Medium	AS not being able to revoke file	T2 R2024.JUN
PBI000000228373	Medium	[T2 PROD][RTGS] Discrepancy between counter and cash transfers	T2 R2024.NOV
PBI000000228610	Medium	RTGS camt.006s not containing all transactions	T2 R2024.JUN
PBI000000229534	Medium	Back-up payment functionality	T2 R2024.FEB
PBI000000228668	Medium	[T2][EAC][RTGS][A2A] Missing camt.025 as response to camt.007 increasing queue position	T2 R2024.JUN
PBI000000228683	Medium	[T2][RTGS][EAC][A2A] pacs.009 entred vly GUI rejected with E019 even if the cut off was not reached	T2 R2024.JUN
PBI000000228847	Medium	Discrepancies in Cash Transfer Order Status in Task Queue after revocation - old status seems to be not correctly displayed	T2 R2024.JUN
PBI000000228877	Medium	wrong separators accepted in U2A cash transfer query	T2 R2024.JUN
PBI000000229013	Medium	[T2 EAC] [AS]	TO BE CONFIRMED
PBI000000229031	Medium	[T2][TARGET][A2A][UTEST] duplicate of camt.004 for start of the OVNProcedure received	T2 R2024.JUN
PBI000000228228	Medium	[Multi-Currency] RTGS, Select Business Sender Party cannot handle identical account BICs	T2 R2024.JUN
PBI000000227838	Medium	AS A batch-Guarantee mechanism not found in the Query "AS batch liquidity summary for Guarantee fund mechanism"	TO BE CONFIRMED R2025.JUN
PBI000000227921	Medium	CAMT.050 settled time - explanation	T2 R2024.JUN
PBI000000227615	Medium	Incorrect pacs.008 received containing an incorrect <MsgDefldr>pacs.008.001.08CORE. This type which does not exist.	T2 R2024.JUN
PBI000000227378	Medium	Behaviour related to the List of Cash Transfer Order Totals by Status screen in T2 RTGS EAC	T2 R2024.JUN
PBI000000224301	Medium	RTGS Sub-Account Liquidity: list of Settled Debit AS transfer orders: using the Display message button for one chosen pain.998 leads to a display of all camt.054 for all pain.998 instead of displaying only the related camt.054 message	T2 R2024.NOV
PBI000000230618	Medium	Missing AS file after manual upload A2A	T2 HF R2024.FEB
PBI000000230844	Medium	Date error for New Financial Institution Credit Transfer	TO BE CONFIRMED T2 R2024.JUN
PBI000000231058	Medium	[T2 RTGS EAC] - Validation Rule VR01260 not triggered for camt.005. Sending camt.005 with a combination of the elements 'Account Owner', 'Account Identification', 'Account Servicer' gives a result instead of the expected Error code E111	TO BE CONFIRMED T2 R2024.NOV
PBI000000230961	High	RTGS & CLM: Pacs messages throw error in TGPY700.	TO BE CONFIRMED
PBI000000231015	Medium	Payment not settled with automated LT	T2 R2024.JUN

Problem ID	Priority	Brief Description	Target delivery date in PROD
PBI000000230919	Medium	GUI.UC.1090 Query Files (RTGS) - problem with "Entry Timestamp To"	TO BE CONFIRMED T2 R2024.NOV
PBI000000230921	Medium	CLM/RTGS GUI TEST CLM/RTGS screen 'List of Events' (RTGS) - not specified sensitive buttons at the end of each row	TO BE CONFIRMED T2 R2024.NOV
PBI000000231209	Medium	Routing not correctly selected when PTA of a party is retrieved	TO BE CONFIRMED T2 R2024.JUN
PBI000000231269	Medium	No answer received for camt.021	TO BE CONFIRMED
PBI000000231648	Medium	Standing orders for Bilateral Limit not executed	TO BE CONFIRMED T2 R2024.JUN
PBI000000231777	Medium	The NRO signature cannot be stored due to an implementation bug which results in a function needed before the storage of the NRO signature not being executed.	T2 R2024.JUN
PBI000000231817	Medium	[SDD-CN-126] Blockage of guarantee account	TO BE CONFIRMED
PBI000000231838	High	[4CBC][MT-V.7.4.0.0 pain.998] RTGS: Proc.A and Proc.B: Accounts for first agent and final agent are mixed up for the first sequences	TO BE CONFIRMED
PBI000000231850	Medium	GUI.UC.0900 - Display queued AS transfer orders by batch (RTGS) - TypeError appears after selecting Settlement Procedure	T2 R2024.JUN
PBI000000231860	Medium	Query/List/Details of Task Queue - Old value is not displayed for task type 'New Reservation Amount'	TO BE CONFIRMED
PBI000000231893	Medium	Linked to PBI000000228877. If the field value date FROM and TO is not filled with the correct format, an error should be displayed and the submit button should not be available.	R2024.JUN
PBI000000232018	Medium	The multilateral limit modification does not work as expected. A multilateral limit modification which decreases the limit is expected to be set to pending when the referenced cash account has insufficient liquidity. It will be retriggered when the cash account gets new liquidity. In case the task will still be pending due to still insufficient liquidity after the second execution attempt the task might get stuck due to this issue.	TO BE CONFIRMED
PBI000000232032	Medium	In the processing of inter-service Liquidity transfer between two services which are not CLM (i.e. RTGS/T2S/TIPS), CLM will check whether liquidity transfers are still accepted for the target settlement service for the current business day. CLM current performs this check without considering the currency.	R2024.JUN
PBI000000232144	Medium	Pacs.008 rejected "Past settlement date not allowed" while another went through	TO BE CONFIRMED
PBI000000232155	Medium	At the List of cash transfers (RTGS, there are visible entries in the context menu items which should not be displayed are visible for the user	TO BE CONFIRMED
PBI000000232164	Medium	Details of "LT to Technical Account Procedure D" are not displayed in Overview of Task screen	TO BE CONFIRMED
PBI000000232124	Medium	[UTEST] End to End ID for rule-based LTOs	TO BE CONFIRMED

3.4 DWH

3.4.1 Open defects impacting DWH

TRN01

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000229606	Medium	DWH - TRN01 report details not available and long duration of the report	TO BE CONFIRMED
PBI000000228786	Medium	TRN01 search criteria not working	T2 HF R2024.FEB
PBI000000231274	Medium	Linked to PBI000000228786, UETR does not appear in TRN01.	TO BE CONFIRMED T2 R2024.JUN

TRN02

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000230505	Medium	Possible duplicates in TRN02.	T2 HF R2024.FEB

STF01

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000229983	Medium	STF01 Set-up capital is never communicated in the table	T2 HF R2024.FEB R2024.NOV
PBI000000231338	Medium	Linked to PBI000000229983. STF01 Set-up capital is never communicated in the table	TO BE CONFIRMED T2 R2024.NOV
PBI000000231372	Medium	Duplication errors with report STA01 for BIC NABAATWWGRA	TO BE CONFIRMED T2 R2024.NOV

PAR02

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000229932	Medium	FRCB reporting PBI000000226575 is partially successful. Unsuccessful for PAR02 from which the participant MSLNGB2XPAR is still missing.	T2 HF R2024.FEB R2024.JUN
PBI000000231266	Medium	Report output differs from the RTGS directory	TO BE CONFIRMED T2 R2024.JUN

MIR01

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000228356	Medium	[T2 IAC MT-V.5.1.6.9-DWH.UC.MIR01] Performance optimisation MIR01	T2 HF R2024.FEB
PBI000000230002	Medium	[T2][PROD][DWH][U2A] - difference between the value of remunerations on holdings of minimum reserves that were settled in CLM and values in MIR01 report (Accrued MR interest amount) for MRR period ended on 2023-09-19.	T2 HF R2024.FEB

ANS01

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000230611	Medium	ANS01 report does not count AS transfers correctly	TO BE CONFIRMED

STA02

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000230630	Medium	Request for better PDF layout in STA02 reports	T2 HF R.2024.FEB

PAR05

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000232172	Medium	PAR04 and PAR05 Visibility/usage of reports for PB user	TO BE CONFIRMED
PBI000000231864	Medium	PAR05, placing of the symbol of necessity (red asterisk)	R2024.JUN

GENERAL

Problem ID	Priority	Brief description	Target delivery Date
PBI000000226920	Medium	PBI-226920 – [T2][PROD][DWH][U2A] subscription of report does not work	TO BE CONFIRMED

OTHER

Problem ID	Priority	Brief description	Target delivery Date
PBI000000231891	Medium	Linked to PBI000000228714. At U2A Screen of T2 CLM&RTGS list of files, the field EnNtry Timestamp from is prefilled with UTC Day and time (e.g. 23:00) instead of the current day 00:00 o'clock	R2024.JUN
PBI000000232101	Medium	[CLM/RTGS-GUI] The user name and System entity logo overlap (top left)	TO BE CONFIRMED
PBI000000232199	Medium	DELTA QUERY OPTIMIZATION [FAILED RETEST -1] [T2 IAC-B MT-V.MT-4.5.36.0 NFT] A2A CLM&RTGS camt.005 not enough parallelism	R2024.JUN

3.5 ECONSII

3.5.1 Open defects impacting ECONSII

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000227993	Medium	ECONS II- TASK QUEUE MENU LIST sort by amount	T2 R2024.JUN

3.6 BDM

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000231666	Medium	Issue with camt.018 Calendar Query for DKK Closing Days in BDM See notes and attachments	TO BE CONFIRMED

3.7 BILL

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000231762	Medium	Exporting or printing files from of the Invoice Data, Invoice Data Details and Itemised Invoice Data Details screens, the currency is not available	TO BE CONFIRMED

3.8 All or Multiple Modules

Problem ID	Priority	Brief Description	Target delivery Date
PBI000000229200	Medium	Logging GUI issue	T2 R2024.JUN
PBI000000228291	Medium	PBI-228291[4CBC] Adaptions required in order to display the IDs correctly	T2 R2024.NOV
PBI000000230759	Medium	Standing Order not executed	T2 R2024.NOV
PBI000000230963	Medium	A2A CLM&RTGS camt.005 do not have enough parallism	T2 R2024.JUN
PBI000000231794	Medium	Query processing fails	TO BE CONFIRMED
PBI000000231236	Medium	Error E042 raised unexpectedly instead of E100 during settlement attempt of MLRR cash transfer	T2 R2024.NOV