



EUROPEAN CENTRAL BANK

EUROSYSTEM

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: 4CB/Overseers	Institute: 4CB	Date raised: 22/11/2023
Request title: Internal operational monitoring tools enhancements		Request No.: T2S 0814 SYS
Request type: Common	Classification: Maintenance	Urgency: Fast-track ¹
1. Legal/business importance parameter²: Low	2. Market implementation efforts parameter³: Low	
3. Operational/Technical risk parameter⁴: Low	4. Financial impact parameter⁵: No cost impact	
Requestor Category: 4CB		Status: Allocated to a release

Reason for change and expected benefits/business motivation:

The request stems from the Action Plan of the TARGET Services Special review, in which the 4CB committed to enhance the available operational tools with the aim of optimizing and improving both ordinary and exceptional activities. Similar recommendations were also done by the overseers in their Q4 2021 and Q1 2022 reports.

Following an in depth gap-analysis on the internal operational tools used for monitoring purposes, the following enhancements were identified to be introduced in order to increase the efficiency and promptness of the support, as well as to minimise operational errors.

Description of the requested change:

The following requirements will be implemented:

1. Message tracking integration across internal operational tools
2. Implementation of the 4-eyes confirmation for the purge functionalities of internal tools
3. Implementation of the 4-eyes confirmation for the resend functionalities in the ESMIG console
4. Implementation of a warning message before the purge functionality is executed (for both submission and confirmation actions)
5. Implementation of a waste bin to retrieve the recent purged messages.
6. Implementation of an export functionality in .csv format for both internal operational tools and the ESMIG console
7. Coupling functionality to link S&F inbound messages to corresponding outbound messages in the ESMIG console
8. Implementation of a functionality to track the Last Message flow from BDM across all the modules of T2S

¹ Fast-track justification: A fast-track approach is requested because the preliminary assessment is not expected to provide additional clarifications on the importance of implementing this change.

² Legal/business importance parameter was set to 'Low', since although this change will enhance the operational tools available for the T2S Operator, it is not expected to have an important impact on the business of the NCBs or CSDs.

³ Market implementation effort parameter was set to 'Low', since it is not expected that this change requires a long test campaign on the side of the users.

⁴ Operational/technical risk parameter was set to 'Low' since it is not expected that this change will have neither an operational impact nor a technical impact on the side of the NCBs and CSDs.

⁵ Low < 100kEUR < Low-Medium < 200 kEUR < Medium < 400kEUR < High < 700kEUR < Very high

Submitted annexes / related documents:**Outcome/Decisions:**

- *CRG on 21 February 2024: the CRG agreed to recommend CR-0814 for T2S Steering Level Authorisation, following a fast-track approach.
- *CSG on 7 March 2024: the CSG agreed to authorise CR-0814.
- *NECSG on 7 March 2024: the NECSG agreed to authorise CR-0814.
- *MIB on 11 March 2024: the MIB agreed to authorise CR-0814.
- *PMG on 12 March 2024: the PMG agreed to request the detailed assessment of CR-0814 with a view of scoping in Release 2025.JUN.
- *OMG on 22 May 2024: the OMG identified no operation impact from the inclusion of CR-0814 in the scope of R2025.JUN.
- *CRG on 29 May 2024: the CRG agreed to recommend to the PMG the inclusion of CR-0814 in the scope of R2025.JUN.
- *PMG on 6 June 2024: the PMG agreed to recommend the inclusion of CR-0814 in the scope of R2025.JUN.
- *CSG on 12 June 2024: the CSG approved the inclusion of CR-0814 in the scope of R2025.JUN.
- *NECSG on 12 June 2024: the NECSG approved the inclusion of CR-0814 in the scope of R2025.JUN.
- *MIB on 19 June 2024: the MIB approved the inclusion of CR-0814 in the scope of R2025.JUN.

Documentation to be updated:**Preliminary assessment:**

Not available, fast-track approach.

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)
			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	X	Operational and Business Monitoring
	MOP Contingency Templates		

Impact on major documentation			
Document	Chapter	Change	
Impacted GFS chapter		No impact	
Impacted UDFS chapter		No impact	
Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates)		No impact	
UHB		No impact	
Other impacted documentation (FA Sch. 05, FA Sch. 07)		No impact	
Impacted GDPR message/ screen fields		No 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
<p>Following technical enhancements will be implemented:</p> <ol style="list-style-type: none"> 1. Message tracking integration across internal operational tools 2. Implementation of the 4-eyes confirmation for the purge functionalities of internal tools 3. Implementation of the 4-eyes confirmation for the resend functionalities in the ESMIG console 4. Implementation of a warning message before the purge functionality is executed (for both submission and confirmation actions) 5. Implementation of a waste bin to retrieve the recent purged messages. 6. Implementation of an export functionality in .csv format for both internal operational tools and the ESMIG console 7. Coupling functionality to link S&F inbound messages to corresponding outbound messages in the ESMIG console 8. Implementation of a functionality to track the Last Message flow from BDM across all the modules of T2S
Main cost drivers:
<ul style="list-style-type: none"> • Implementation of the listed above technical changes in INTF A2A, LCMM and LQMG [52%]; • Implementation of the listed above technical changes in ESMIG A2A [39%]; • Internal testing of the new functionalities.
Impact on other TARGET Services and projects
No impact on other Eurosystem Services (T2, TIPS) or Projects (ECMS).
Summary of project risk
No risks have been identified during detailed assessment.
Security analysis
No adverse effect has been identified during security assessment.



06 May 2024

Cost assessment on Change Requests

T2S-814-SYS – Internal operational monitoring tools enhancements			
One-off	Assessment costs* - Preliminary - Detailed	not charged 0.00	Euro Euro
One-off	Development costs**	359,530.34	Euro
Annual	Operational costs		
	- Maintenance costs - Running costs	19,104.53 2,307.30	Euro 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).

The cost for the implementation of the Change Request **T2S-0814-SYS is covered by 4CB, but CR implementation capacity is consumed.