



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: SIX SIS	Institute: CSD	Date raised: 17/02/2016
Request title: Enhance Settlement Instruction - Details screen to display T2S matching reference and the counterparty's instruction details		Request No.: T2S 0596 SYS
Request type: Common	Classification: Scope Enhancement	Urgency: Normal
1. Legal/business importance parameter¹: High	2. Market implementation efforts parameter²: Low	
3. Operational/Technical risk parameter³: Low	4. Financial impact parameter⁴: Low-Medium	
Requestor Category: CSD	Status: Implemented	

Reason for change and expected benefits/business motivation:

The daily operating schedule of T2S and the CSD application (or DCP application) may not be in broad synchronisation in case of any serious issue with T2S or with a CSD (or DCP) application. At times this may conflict with various deadlines in both applications and particularly when end of day must take place in either application.

The messages from CSD/DCP to T2S and from T2S to CSD/DCP may be waiting at either of the application and/or with Network Service Provider. In STP situation, these messages are typically processed in one application but not the other so status differs in T2S and CSD/DCP application for same settlement instruction due to pending processing at the application which has an interruption.

When such an event takes place, there are considerable queries with CSD from their ICPs. CSD customer support and operational staff relies on T2S GUI to answer client questions on status of their individual settlement instructions in T2S. The manual work load is considerable on such events.

Apart from response time (which is a separate problem by itself), there are issues while getting the data needed from T2S. The requirement raised is based on a very practical experience within SIX SIS. However any CSD or DCP which may have similar incident will pass through same difficulties and thus there is a strong business/community need to make T2S GUI adequate to cope up in such situations.

Description of requested change:

The Settlement Instruction- Detail Screen should display the T2S Matching Reference. In case of an unmatched settlement instruction, the attribute could display "Unmatched" or spaces. The attribute could be placed across existing location for attribute T2S Reference or any suitable place.

An action button- "Matched Instruction" should be added to the Settlement Instruction- Detail Screen. The action button could be placed alongside other action buttons or any suitable place. The users should be able to access the corresponding matched settlement instruction on clicking this action button. The navigation should move to the Settlement Instruction- Detail Screen with the details of the matching instruction. Only the users with sufficient privileges would be able to access this functionality.

For unmatched instructions the action button- "Matched Instruction" should be greyed out.

T2S Matching Reference should be added as an optional selection criterion in the Settlement Instructions - Search/List Screen to display settlement instruction details.

Submitted annexes / related documents:

Request related Screen shots T2S GUI.

¹ Legal/business importance parameter was set to 'High' because with this change, CSDs will be able to better

Proposed wording for the Change request:

UHB

The following **UHB v.7.2** sections should be modified:

2.2.2.17 Settlement Instructions - Search/List Screen

[...]

Screenshot

[...]

Field Description

Settlement Instructions – Search Criteria	
General Criteria	
[...]	[...]
Third Party Reference	Enter the reference of an instruction as assigned by the third party. Required format is: max. 16 characters (SWIFT-x)
<u>T2S Matching Reference</u>	<u>Enter the common reference assigned by T2S to all the settlement instructions comprising a transaction.</u> Required format is: max. 16 characters (SWIFT-x)
[...]	[...]

2.2.2.18 Settlement Instruction - Details Screen

This screen displays detailed information on the selected settlement instruction. You can check the data and proceed further by clicking on the buttons below.

You can perform the following foreseen actions: check the specific details of a settlement instruction, amend it, cancel it, hold it or release it, see its revisions/audit trail and status history or its related messages as copy the shown instruction to create a new similar one as well as searching for the associated penalties of the settlement instruction or searching for the details of its matched settlement instruction.

This screen is not relevant for CB users.

ScreenAccess

I Securities >> Settlement >> Settlement Instructions >> Settlement instructions – search/list screen >> Click on the search button >> Settlement instructions – search/list screen >> Click on the details button

I Securities >> Settlement >> Settlement Instructions >> Settlement instructions – search/list screen >> Click on the search button >> Settlement instructions Details screen >> Click on the Matched Instruction

cope with contingency scenarios, what will imply a reduced negative impact in their business.

² Market implementation effort parameter was set to 'Low' because the nature of this change affecting a reduce scope of the T2S GUI screens will not require to invest important resources in a testing campaign run by the CSDs.

³ Operational/technical risk parameter was set to 'Low' because this change will have a reduced impact in the T2S GUI which is a well-tested functionality, therefore not implying a relevant operational or technical impact.

⁴ Low < 100kEUR < Low-Medium < 200 kEUR < Medium < 400kEUR < High < 700kEUR < Very high

button to access the Details Screen of the matched settlement instruction

Privileges

To use this screen, you need the following privilege: [} 1907]

| Settlement instruction audit trail query

[...]

Screenshot

[...]

Field Description

Settlement Instruction	
[...]	[...]
T2S Reference	Shows the reference assigned by T2S to the settlement instruction.
<u>T2S Matching Reference</u>	<u>Shows the common reference assigned by T2S to all the settlement instructions comprising a transaction.</u> <u>Only shown if the settlement instruction is matched.</u>
[...]	[...]

Buttons

[...]	[...]
Links	<p>This function enables you to display all the links data preventing settlement at the moment when the request is performed.</p> <p>This button is not available in the following cases: Cancellation Status = “cancelled” Settlement Status = “settled” Match Status = “Unmatched”</p> <p>Next screen: Links Preventing Settlement – screen</p>
<u>Matched Instruction</u>	<p><u>This function enables you to display the settlement instruction details of the matched business settlement instruction.</u></p> <p><u>This button is not available in case the instruction is unmatched or if the user doesn’t have the ‘Settlement Instruction Query’ privilege on the securities account of the counterparty.</u></p> <p><u>Next screen:</u></p>

	<u>Settlement instruction – details screen</u>
[...]	[...]

6.4.4.87 Settlement Instruction - Details Screen

Privilege	Privilege Code	Privilege Type	Object Types	Screen Criteria
Settlement Instruction Audit Trail Query	DDQ_SettlInstructAuditTrailQuery	Object	Securities Account, Party	n/a
Settlement Instruction Query	DDQ_SettlInstructQuery	Object	Securities Account, Party	n/a

High level description of Impact:

Outcome/Decisions:

- * CRG meeting of 10 March 2016: The CRG decided to put the Change Request on hold for T2S Release 2 potentially
- * CRG meeting of 6/7 July 2016: The CRG agreed to update the Change Request to request a 'button' solution for the references of the counterpart. The CRG recommended the Change Request for preliminary assessment.
- * CRG meeting of 06 September 2016: The CRG took note of the T2S functionalities/modules impacted by the Change Request following the 4CB preliminary assessment and that the requestor of the Change Request indicated that a LTSl adjustment was not required as the T2S matching reference and the counterparty's instruction details were required only for production data.
- * CRG meeting 27 November 2019: The CRG agreed to recommend CR-596 for authorisation by the T2S Steering Level.
- * AMI-SeCo on 6 December 2019: The AMI-SeCo concluded to agree to the recommendation of the CRG to propose the CR for CSD/NECSD authorisation.
- * CSG on 13 December 2019: The CSG authorised the CR.
- * NECSG on 13 December 2019: The NECSG authorised the CR.
- * MIB on 19 December 2019: The MIB authorised CR-596.
- *PMG on 14 December 2022: the PMG agreed to launch the detailed assessment of CR-596 with a view of scoping in Release R2024.JUN.
- *OMG on 10 April 2023: the OMG identified no operational impact from the inclusion of CR-596 in R2023.NOV.
- *CRG on 18 April 2023: the CRG agreed to recommend to the PMG the inclusion of CR-596 in the scope of R2023.NOV.
- *PMG on 19 April 2023: the PMG agreed to recommend the inclusion of CR-596 in the scope of R2023.NOV.
- *CRG on 27 April 2023: the CRG approved the proposed CR Parameters.
- *CSG on 28 April 2023: the CSG approved the inclusion of CR-596 in the scope of R2023.NOV.
- *NECSG on 28 April 2023: the NECSG approved the inclusion of CR-596 in the scope of R2023.NOV.
- *MIB on 2 May 2023: the MIB approved the inclusion of CR-596 in the scope of R2023.NOV.

Preliminary assessment:

- Impacted functionality/module: U2A, LTSI.
- No further functional, technical and risk related issues have been identified beyond the elements already described in the Change Request.

Detailed assessment:

EUROSYSTEM ANALYSIS – GENERAL INFORMATION			
T2S Specific Components		Common Components	
LCMM			
	Instructions validation		
X	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 (as of June 2022 without Static Data Management, Communication for SDMG, Scheduler, Billing)		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
x	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			
Impacted UDFS chapter			
Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates)			
UHB	LCMM: 2.2.2.17 Settlement Instructions - Search/List Screen	The field 'T2S Matching Reference' is to be included as a new general search field.	
	2.2.2.18 Settlement Instruction - Details Screen	Add the 'T2S Matching Reference' field in the Settlement Instruction Details screen, which is fulfilled only for matched instructions. A new action button is to be included in this screen allowing to go directly to the details screen of its matched instruction (i.e.: the counterparty instruction) if the instruction is matched and the user has the relevant privileges for acceding this information.	
	6.4.4.87 Settlement Instruction - Details Screen	The name of the privilege needed to allow the user to access to the 'Settlement Instruction Details screen' must be updated.	
External training materials	n/a		
Other impacted documentation (FA Sch. 05, FA Sch. 07)	No impact		
Impacted GDPR message/ screen fields	No impact on GDPR		
Other documentations	n/a		
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
LCMM:

The following changes have to be implemented in T2S screens:

- The Settlement Instruction- Details screen to display the T2S Matching Reference only if the instruction is matched.

For this purpose, a new field is to be added in this screen to provide the 'T2S Matching Reference'. This field will be shown only if the instruction is matched.⁵

- The Settlement Instruction- Details screen should allow to access the corresponding matched settlement instruction just by clicking a button if the user has the relevant privileges.

For this purpose, a new action button 'Matched Instruction' is to be included in this screen to allow to go directly to the Settlement Instruction- Details Screen of the matched business instruction. This button will be available in the Details Screen only (i) for matched instructions and (ii) if the user has the relevant privilege to access the Settlement Instruction Details of the counterparty.

- The 'T2S Matching Reference' should be added as an optional search criterion in the Settlement Instruction-Search/List screen.

For this purpose, a new field, 'T2S Matching Reference' has to be added to the Settlement Instruction Search/List screen to include the new search criterion. The 'T2S Matching reference' is the unique common reference assigned by T2S to all the Settlement Instructions comprising a transaction (i.e. to a pair of matched Settlement Instructions and their realignment ones if any). When using the 'T2S Matching Reference' search criterion, only the Business Instructions associated to the 'T2S Matching Reference' (included the T2S internally generated Collateral ones) will be shown as a result of the query in the Settlement Instruction Search/List screen. The related T2S generated realignment instructions, if any, will not be shown.

QUM:

In order to provide matched settlement instruction for every Settlement Instruction where this information is available (if the instruction is matched) change the Settlement Instruction Query in a way to retrieve this information along with the other data of every Settlement Instruction. To meet this requirement, new search criterion "T2S Matching Reference" will be added.

If Settlement Instruction is matched the "T2S Matching Reference" field will be shown in the Settlement Instruction Details Screen.

Main Cost Drivers:

- Enhance the 'Settlement Instruction- Search' screen with a new search criterion: 'T2S Matching Reference'.
- Enhance the Settlement Instruction-Details screen with the field 'T2S Matching Reference' which is to be provided only for matched instructions. Additionally, this screen is to be enriched with a new button; 'Matched Instruction'; which allow the user to retrieve the details of the counterleg instruction if it has the relevant privileges
- An ad-hoc regression testing campaign is to be executed to verify the correct behaviour of both screens

Impact on other TARGET Services and projects

No impact on other Eurosystem services or project has been identified (ECMS, TIPS, T2)

Summary of project risk

Potential impact on GUI performance to be validated in the NFT campaign.
No GDPR impact.

Security analysis

No adverse effect has been identified during security assessment.

⁵ The behavior is to be the same as for other fields which are only provided for matched instructions (i.e. matching timestamp). The information only will be provided if the instruction is matched. This means that for unmatched instructions it will be shown: 'T2S Matching Reference:---'

DG - Market Infrastructure & Payments

ECB-PUBLIC



28 March 2023

Cost assessment on Change Requests

T2S-596-SYS – Enhance Settlement Instruction - Details screen to display T2S matching reference and the counterparty's instruction details			
One-off	Assessment costs*		
	- Preliminary	2,000.00	Euro
	- Detailed	10,000.00	Euro
One-off	Development costs	90,867.73	Euro
Annual	Operational costs		
	- Maintenance costs	8,171.30	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).