



EUROPEAN CENTRAL BANK

EUROSYSTEM

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements (URD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Eurosystem	Institute: 4CB	Date raised: 28/02/2019
Request title: T2-T2S Consolidation Business Day Management – T2S Migration		Request ref. no: T2S 0707 SYS
Request type: Common	Classification: maintenance	Urgency: Normal
1. Legal/business importance parameter: Medium		2. Market implementation efforts parameter: Low
3. Operational/Technical risk parameter: Medium		4. Financial impact parameter: No financial impact
Requestor Category: Eurosystem		Status: Allocated to a release

This Change Request is one of the T2S Change Requests related to the T2-T2S Consolidation Project. The tentative distribution of these Change Requests per functional area and T2S release is summarised in the table below (as of 2 November 2020):

	R4.0 (Jun 2020)	R4.2 (Nov 2020)	R5.0 (Jun 2021)	R5.2 (Nov 2021)	R6.0 (Jun 2022)	R6.2 (Nov 2022)
					T2S>ESMIG	
ESMIG (Connectivity)					CR-701	
CRDM (Reference data)	CR-719	CR-721	CR-704 CR-696		CR-705	
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 (ICL) CR-703 (camt.050)	CR-729			CR-734
Liquidity management			CR-708 (Outbound LT) CR-709 (Cash sweep)			
Maintenance window			CR-710			

Reason for change and expected benefits/business motivation:

The T2-T2S Consolidation project envisions that, a common Business Day Management (BDM) component will allow managing the calendars and the operating days of the different TARGET services. T2S Scheduling functionality will be provided by BDM.

The BDM Common Component will be built as an enhancement of the T2S Operational Services Scheduling module and reuse many of the concepts and principles that govern the concept of business day and event schedule in T2S. For a detailed description of the current T2S Scheduling module please refer to GFS (v6.0 pp571-ff).

The innovations introduced by BDM are described in the separate Change Request “T2-T2S Consolidation Business Day Management Development”. BDM functions result from adaptations to the existing T2S design; BDM is built as an enhancement of T2S Scheduling, partially overlapping with the current Scheduling application perimeter but centralizing these functions to a common component with its own U2A and A2A interfaces. Therefore, T2S interfaces related to the same backend functions covered by BDM may be decommissioned from T2S so that users will interact with a single component.

This Change Request described the impact expected on T2S with the decommissioning of screens and messages due to the full T2S migration to T2-T2S Consolidation.

Description of requested change:

The new features of BDM are described in the separate CR "T2-T2S Consolidation Business Day Management Development". The main improvement from T2S Scheduling to BDM is the introduction of a "Service" dimension to allow the single central Business Day Management common component to manage Service-specific calendar and event data that will in turn be the basis for Service-specific business day plans.

A set of GUI screens and messages will be developed to cover the centralized BDM functionalities.

The following screens will be decommissioned from T2S following their implementation in BDM:

- Daily Schedules – Search/List Screen
- Daily Schedule – New/Edit Screen (only relevant for the Operator)
- Calendar Screen

The following messages will be decommissioned from T2S following their implementation in BDM:

- camt.018 – GetBusinessDayInformation

The camt.019 – ReturnBusinessDayInformation message will be implemented in BDM but kept also on T2S side for specific usages (i.e. Final NTS message and Status of the T2S Settlement Day Notification).

Submitted annexes / related documents:

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Proposed wording for the Change request:

The development of the BDM component and its initial impact on T2S are described in the separate CR "T2-T2S Consolidation Business Day Management Development". The above listed changes will take place when T2S fully migrates to common components (including their new business interfaces), leading to the listed screens/messages (by then already implemented in BDM) being decommissioned from the T2S Interface.

Updates of the GFS, UDFS and UHB chapters will refer to the above-listed screens and messages as well as the general replacement of T2S Scheduling module with BDM. A complete list of updates to the scope-defining documents will be provided as part of the implementation phase 14 weeks after the start of implementation.

High level description of Impact:

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Outcome/Decisions:

- * CRG on the 20 March 2019: The CRG has agreed to launch the preliminary assessment of CR-707.
- * CRG on the 3 September 2019: The CRG agreed to recommend the CR for authorisation by the T2S Steering Level.
- * CRG on the 8 October 2019: The CRG confirmed its recommendation for authorisation by the T2S Steering Level.
- * AMI-SeCo on 16 October 2019: The AMI-SeCo agreed with the recommendation of the CRG.
- * CSG on 25 October 2019: The CSG authorised the CR for allocation to a T2S release.
- * NECSG on 28 October 2019: The NECSG authorised the CR for allocation to a T2S release.
- * MIB on 8 November 2019: The MIB authorised CR-707.
- * PMG on 27 March 2020: The PMG proposed to allocate this CR to T2S release 6.0.
- * CRG on 21 October 2020: The CRG agrees to recommend to the PMG the inclusion of CR-707 in R6.0.
- * OMG on 22 October 2020: The OMG identified no operational impact of the inclusion of CR-707 in R6.0.
- * PMG on 23 October 2020: The PMG agrees to the inclusion of CR-707 in the scope of R6.0.
- * CSG on 4 November 2020: the CSG approved the inclusion of CR-707 in the scope of R6.0
- * NECSG on 4 November 2020: the NECSG approved the inclusion of CR-707 in the scope of R6.0
- * MIB on 24 November 2020: the MIB approved the inclusion of CR-707 in the scope of R6.0.

Preliminary assessment:

- **Impacted modules:** INTF, QUM
- **Release:** 6.0
- **Findings:**

Some changes to elements of the BDM business interface (specifically to the consolidated XML schemas) may be relevant for T2S users once T2S migrates to T2-T2S Consolidation. The specific items will be listed during the detailed assessment phase.

Open issues/ questions to be clarified by the originator:

None.

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 (as of June 2022 without Static Data Management, Communication for SDMG, Scheduler, Billing)			
x	Communication		
x	Outbound Processing		
x	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)	
x	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)
X	Scheduling (until June 2022)	X	Business Day Management (from R6.0)
		X	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
	OMEGA Templates		

Impact on major documentation		
Document	Chapter	Change
Impacted GFS chapter	3.2.1 General Introduction	Update of diagrams
	3.2.2 Dynamic data managed by the domain	Update Processing Module
	3.2.3.2 Diagram of the module	Update of diagram
	3.2.3.3 Description of the functions of the module 6 – Restart Queued A2A Outbound Communication	Renaming
	3.2.3.4 Description of the Input/Output of the module	Renaming
	3.2.4.2 Diagram of the module	Update of diagrams
	3.2.4.3 Description of the functions of the module 5 - Check for A2A Inbound Queuing 7 – Restart Queued A2A Inbound Messages 8 – Information Router	Renaming
	3.2.4.4 Description of the input/output of the module	Renaming
	3.2.5.2 Diagram of the module	Update of diagrams
	3.2.5.3 Description of the functions of the module: 4 – Create Business Payload A2A	Update
3.2.5.4 Description of the Input/Output of the module	Update	
4.1.5 QU: Queries	Deletion of BDM related Queries	
Impacted UDFS		

chapter	1.1.5.2 T2S calendar management 1.1.5.3 T2S settlement day management 1.5.2 T2S calendar management 1.5.3 T2S settlement day management 1.6.5.2 T2S calendar management 1.6.5.3 T2S settlement day management 3.3.3.9 GetBusinessDayInformationV03 (camt.018.001.03) 3.3.3.10 ReturnBusinessDayInformationV04 (camt.019.001.06) 4.1 Index of Business Rules and Error Codes 1.6.4.2.3 Report generation process 1.6.4.4.3 Query management process	Editorial updates to correctly reference BDM. Updates for BDM. Deletion/Update of IIMP business rules (IIMP116,117,118) Updates for BDM. Adaption of all affected queries in the table
Additional deliveries for Message Specification	Message specifications for camt.018 and camt.019	Updates for BDM.
UHB	2.4.1.24 Daily Schedules – Search/List Screen 2.4.1.31 T2S Calendar Screen (Operator Only) Daily Schedule – New/Edit Screen	Updates for BDM.
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		
Portions of T2S interface (U2A and A2A) related to Scheduling will be decommissioned and covered by newly developed, corresponding functionalities in the BDM common component. Decommissioning of above mentioned messages/message usages and screens from T2S INTF. This includes the deletion of camt.018 related business rules, input and output flows and editorial changes with respect to Scheduling module. Decommissioning of all above-mentioned screens related to BDM from QUM module. Furthermore updating the affected UDFS, GFS and UHB chapters according to the above mentioned points. Testing the correct decommission of the impacted screens and messages. Main Cost Driver: Decommissioning of screens and messages.		
Impact on other TARGET Services and projects		
T2-T2S CSLD: development of business interface components for BDM functions (already planned in CSLD). No further impact. No impact on TIPS. No impact on ECMS.		
Summary of project risk		
Security analysis		
Based on the information currently available no adverse effect has been identified during the security assessment.		

A final check will be conducted in the context of the CSLD PPSA by 21/03/2021.