

T2S CHANGE REQUEST FORM		
<b>General Information (Origin of Request)</b>		
<input type="checkbox"/> User Requirements (URD) or GUI Business Functionality Document (BFD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
<b>Request raised by:</b> Eurosystem	<b>Institute:</b> 4CB	<b>Date raised:</b> 14/04/2023
<b>Request title:</b> ESMIG Portal access rights redesign		<b>Request No.:</b> T2S 0805 SYS
<b>Request type:</b> Common	<b>Classification:</b> Maintenance	<b>Urgency:</b> Fast-track <sup>1</sup>
1. <a href="#">Legal/business importance parameter<sup>2</sup></a> : Low		2. <a href="#">Market implementation efforts parameter<sup>3</sup></a> : Low
3. <a href="#">Operational/Technical risk parameter<sup>4</sup></a> : High		4. <a href="#">Financial impact parameter<sup>5</sup></a> : (provided by 4CB)
<b>Requestor Category:</b> Eurosystem		<b>Status:</b> Proposed for a release

#### Reason for change and expected benefits/business motivation:

The ESMIG Portal guides each user to the relevant service and component through a three-tiered access structure, requesting the user to select, in sequence,

1. The Service to be accessed (i.e. T2/T2S/TIPS),
2. The individual component/application
3. The logical user to impersonate among those linked to the user's certificate.

The options available in steps 1 and 2 are limited to the services and components that the user is enabled to based on their access rights profile, which is in turn defined by the privileges granted to them in CRDM.

Specific privileges are mapped one-to-one with applications, and in certain cases related to Common Components the same privilege grants access to a Common Component under different Services' umbrellas – e.g. CRDM can be accessed with the same privilege as T2-CRDM, TIPS-CRDM and T2S-CRDM.

While the functionality offered under each Service's umbrella is in fact the same, this leads to the side effect of having, for instance, non-T2S payment banks generating traffic that is then calculated as T2S-related and therefore triggers T2S consumption charges. In the absence of a T2S Invoice Configuration for the participant, this leads to incorrect charges and blocking errors in the generation of invoices within the BILL Common Component.

The currently available ESMIG access privileges and the related components are listed below.

#### Current implementation – Privileges for Service/Component Access

Privilege Name	Related Application/Component	Relevant Service(s) Enabled
BDM_Access	Business Day Management	T2, T2S
BILL_Access	Billing	T2, T2S, TIPS, ECMS
CLM_Access	CLM	T2
Contingency_Access	ECONSII	T2

<sup>1</sup> Fast-track justification: A fast-track approach is requested in order to quickly correct the privilege segregation in the ESMIG that has a knock-on effect in the Billing functionality, namely, the generation of invoices with T2S billable items for non-T2S parties.

<sup>2</sup> Legal/business importance parameter was set to 'Low' because this change will not meet any particular business need requested by the CSDs/NCBs.

<sup>3</sup> Market implementation effort parameter was set to 'Low' because a long implementation period is not foreseen on the side of the participating CSDs, CBs and their communities in order for them to check that a complete segregation of privileges is achieved among TARGET-Services when accessing the Common Components.

<sup>4</sup> Operational/technical risk parameter was set to 'High' because with this change unexpected operational efforts will be avoided due to the fact that invoices with wrong information, stemming from improper use by users that do not participate in a given Service, will not have to be amended.

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

CRDM_Access	CRDM	T2, T2S, TIPS
DMT_Access	Data Migration Tool	T2, T2S, TIPS
DWH_Access	Data Warehouse	T2.,T2S, TIPS, ECMS
ECMS_Access	ECMS	
RTGS_Access	RTGS	T2
T2S_Access	T2S	T2S
TIPS_Access	TIPS	TIPS
TMS_Access	Trouble Management System	T2, T2S, TIPS

**Description of requested change:**

The ESMIG Portal access rights validations will be redesigned to segregate the usage of Common Components under different Services in order to avoid improper use by users that do not participate in a given Service. This will avoid, for instance, the usage of Common Components via T2S for non-T2S users, as well as the consequent generation of T2S billable items for non-T2S parties.

The following option has been identified around which to base the redesign. It is worth noting that the ESMIG UDFS must be aligned accordingly to describe the Portal behaviour.

Additional privileges will be added to control access through ESMIG Portal to specific Services. These privileges will only give access to the first list of Services in the ESMIG Portal. They, if granted alone, will not give any specific access to the functionalities and must be combined with other privileges sets.

E.g. in order to use CRDM under T2S, it will be necessary to have both a new T2S\_Service\_Access privilege and the existing CRDM\_Access privilege. The former will enable the T2S option in the first step of the ESMIG access, while the second will enable CRDM in the second step. This will effectively create a two-tiered privilege structure for ESMIG Portal.

Pros: one-to-one correspondence between services/components and privileges; current access rights granularity maintained and in some cases increased. Possibility to properly configure Administrators' accesses.

Cons: additional configuration effort for Operator and users to include the new privileges, included for Administrators. Software must be adapted for accepting the new privileges when configuring an Administrator.

**Privileges for Service Access**

Privilege Name	Related Service
T2SService	T2S
T2Service	T2
TIPSService	TIPS
ECMSService	ECMS

**Privileges for Component Access**

Privilege Name(s)	Related Application/Component	Relevant Service Enabled (requires the proper Service
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		access privilege)
BDM_Access (only)	BDM	None
BDM_Access, T2SService	BDM	T2S
BDM_Access, T2Service	BDM	T2
BILL_Access (only)	BILL	None
BILL_Access, T2SService	BILL	T2S
BILL_Access, TIPSService	BILL	TIPS
BILL_Access, T2Service	BILL	T2
BILL_Access, ECMSService	BILL	ECMS
CRDM_Access (only)	CRDM	None
CRDM_Access, T2SService	CRDM	T2S
CRDM_Access, TIPSService	CRDM	TIPS
CRDM_Access, T2Service	CRDM	T2
DMT_Access (only)	DMT	None
DMT_Access, T2SService	DMT	T2S
DMT_Access, TIPSService	DMT	TIPS
DMT_Access, T2Service	DMT	T2
DWH_Access (only)	DWH	None
DWH_Access, T2SService	DWH	T2S
DWH_Access, TIPSService	DWH	TIPS
DWH_Access, T2Service	DWH	T2
DWH_Access, ECMSService	DWH	ECMS
TMS_Access (only)	TMS	None
TMS_Access, T2SService	TMS	T2S
TMS_Access, TIPSService	TMS	TIPS
TMS_Access, T2Service	TMS	T2

**Submitted annexes / related documents:**

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**Outcome/Decisions:**

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- \* CRG on 27 April 2023: The CRG agreed to recommend CR-0805 for authorisation by the T2S Steering Level, following a fast-track approach.
- \*AMI-SeCo on 9 May 2023: The AMI-SeCo agreed with the CRG recommendation of CR-805 for T2S Steering Level Authorisation
- \*CSG on 10 May 2023: the CSG agreed to authorise CR-805.
- \*NECSG on 10 May 2023: the NECSG agreed to authorise CR-805.
- \*MIB on 18 May 2023: the MIB agreed to authorise CR-805.
- \*PMG on 6 June 2023: the PMG agreed to launch the detailed assessment of CR-0805 with a view of scoping in R2023.NOV.

**Documentation to be updated:**

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**Preliminary assessment:**

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**Detailed assessment:**

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