

# TARGET Instant Payment Settlement Service (TIPS)

## Future Releases

Payment Infrastructures Division

Payment Systems Department

Last update: 14<sup>th</sup> April 2021



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## **Releases 2021**

- Release 3.1 (June 2021)
- Release 4.0 (November 2021)

## **Releases 2022**

- Release 4.1 (May 2022)
- Release 5.0 (November 2022)



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# Releases 2021



## Release 3.1

### Calendar

- Deployment in Test Environment: 9<sup>th</sup> April 2021.
- Deployment in Production Environment: 18<sup>th</sup> June 2021.

Scope: Implementation of two change requests (CR).



## Release 3.1

### Change requests

<i>Change Request</i>	<i>Description</i>
[TIPS-0030-URD] <b>TIPS adaptation stemming from RIKSBANK requirements Lot 1</b>	This CR includes adaptations regarding: <ul style="list-style-type: none"><li>• New settlement model based on a Single Instructing Party (SIP), with immediate settlement and no reservation of funds;</li><li>• Customization of a sub-set of A2A messages for both settlement models;</li><li>• Common Reference Data Management (CRDM) adaptation and configuration.</li></ul>
[TIPS-0036-SYS] <b>Remove blanks from TIPS directory</b>	In the xlmns string of the TIPS Directory some blanks have been identified, which will be removed by this CR.

Note: CR34 has been reallocated to Release 4.0.



## Release 4.0

### Calendar

- Deployment in Test Environment: 10<sup>th</sup> September 2021.
- Deployment in Production Environment: 26<sup>th</sup> November 2021.

Scope: Implementation of ten change requests (CR).



## Release 4.0

### Change requests

<i>Change Request</i>	<b>Description</b>
[TIPS-0020-SYS] <b>Additional testing environment for TIPS</b>	This CR aims at introducing an additional external testing environment for TIPS following the principle of replication between the external environments of the various TARGET services to ease the segregation of the testing campaigns and provide for each testing stage a smooth propagation of reference data from CRDM.
[TIPS-0022-SYS] <b>TIPS adaptations for the interaction with the Billing common component</b>	This CR aims at adapting TIPS in order to interact with the new Billing common component (BILL), due to the T2-T2S Consolidation go-live and the resulting decommissioning of the TARGET2-CROSS module.
[TIPS-0024-SYS] <b>TIPS migration to the new Legal Archiving common component</b>	The aim of this CR is to adapt TIPS in order to interact with the new Legal Archiving common component (LeA) introduced in the scope of the T2-T2S Consolidation project.
[TIPS-0025-URD] <b>TIPS adaptations for the interaction with CLM</b>	Given the TARGET2-T2S Consolidation project, the current TARGET2-TIPS interface will be discontinued and will be replaced by a new interface between TIPS and the T2-CLM – Common Liquidity Component, making use of a similar communication protocol. The goal of this CR is to adapt certain functionalities of TIPS in this domain.



## Release 4.0

### Change requests

<i>Change Request</i>	<b>Description</b>
[TIPS-0031-URD] <b>TIPS adaptation stemming from RIKSBANK requirements Lot 2</b>	<p>This CR includes adaptations regarding:</p> <ul style="list-style-type: none"><li>• Customization of a sub-set of A2A messages for both settlement models;</li><li>• Interactions between TIPS and an external RTGS;</li><li>• Definition of a separate set of system parameters for the investigation process and the maximum amount in SEK currency.</li></ul>
[TIPS-0033-URD] <b>TIPS adaptation to migrate ACH technical accounts in TIPS</b>	<p>This change request enables the Automated Clearing Houses (ACHs) to become TIPS Actors and to hold Ancillary System (AS) Technical accounts.</p>
[TIPS-0034-SYS] <b>Adoption of Ascertia solution for NRO functionalities on TIPS and CRDM TIPS GUI</b>	<p>Currently, the “Non-Repudiation of Origination” (NRO) allows for T2S and TIPS users to sign digitally tasks performed in the platforms. This CR intends to implement a technological solution provided by Ascertia, replacing the current solution, which is being discontinued.</p>





## Release 4.0

### Change requests

<i>Change Request</i>	<i>Description</i>
[TIPS-0038-SYS] <b>Billing-related changes to include ACHs in the pricing model</b>	The main goal of this change is to ensure that the settlement of instant payments is always possible between two payment service providers that are compliant with the SCT Inst scheme and that participate in at least one of the ACHs present in TIPS. ACHs will constitute a new category of TIPS Actors and TIPS billing functionality will be updated in order to enable the calculation of the amounts that are due by ACHs in TIPS.
[TIPS-0039-URD] <b>Payment Transaction Status query in A2A mode</b>	The goal of this CR is to change TIPS in order to support the Payment Transaction Status query in A2A through the use of camt.005/camt.006 messages.
[TIPS-0040-SYS] <b>Alignment of TIPS to the 2021 Version 1.0 of the SCT Inst IGs</b>	The CR aims at aligning the TIPS specifications to (i) the EPC004-16/ 2021 Version 1.0 of the EPC SCT Inst Scheme Rulebook and (ii) the EPC122-16 / 2021 Version 1.0 of the EPC SCT Inter-PSP Implementation Guidelines.



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# Releases 2022



## Release 4.1

### Calendar

- Deployment in Production Environment: May 2022.

Scope: Implementation of one change request (CR).



## Release 4.1

### Change requests

<i>Change Request</i>	<b>Description</b>
[TIPS-0032-URD] <b>TIPS adaptation stemming from RIKSBANK requirements Lot 3</b>	This CR includes adaptations regarding: <ul style="list-style-type: none"><li>• New reconciliation process;</li><li>• Provision of the daily consumption file in SEK and definition of an extended set of statistical indicators.</li></ul>



## Release 5.0

### Calendar

- Deployment in Production Environment: November 2022.

Scope: Implementation of two change requests (CR).



## Release 5.0

### Change requests

<i>Change Request</i>	<i>Description</i>
[TIPS-0021-SYS] <b>Intraday change synchronization between TIPS and CRDM</b>	Currently, blocking TIPS DCAs and Credit Memorandum Balances (CMB) can be performed only on local reference data side (i.e. within TIPS) directly, while on the CRDM side it is only possible to set the initial limit for a TIPS CMB (this data is only used as the initial value for the opening of the CMB in TIPS, and any subsequent update performed on CRDM side is ignored by TIPS). Similarly, restrictions applied to Participants, TIPS DCAs and CMBs on CRDM side are not propagated to TIPS. This CR aims at introducing an intraday synchronization mechanism in order to allow the same availability of these functions on CRDM side.
[TIPS-0023-SYS] <b>TIPS adaptations to CRDM</b>	Currently, CRDM is only used by TIPS. The T2-T2S Consolidation project envisions that CRDM shall provide features to setup, maintain and query all reference data used by the different services. In this sense, the current version of CRDM must be adjusted to allow managing the static data of the new services that will be provided by the Eurosystem.



## Change requests

<i>Change Request</i>	<i>Description</i>
[TIPS-0035-SYS] <b>NSP E2E Checker</b>	The goal of this CR is to involve NSP in the verification of the correct functioning of TIPS from outside to promptly detect service interruptions. In addition, an Email Notifications Tool will be developed, to allow the Central Banks and their participants to receive email notifications in case of incident.
[TIPS-0042-SYS] <b>TIPS RACE</b>	<p>The TIPS RACE (Resilience And Continuity Enhancements) addresses five business continuity objectives:</p> <ol style="list-style-type: none"><li>1. Bring the Recovery Time Objective (RTO) value to zero in the event of major failures (current value: 15 minutes);</li><li>2. Reduce the “planned” downtime by improving the efficiency of change management and vulnerability and patch management processes;</li><li>3. Ensure continuity of the TIPS platform during the execution of TARGET2 and T2S business continuity tests;</li><li>4. Increase the resilience of the TIPS infrastructure through a three-sites setup;</li><li>5. Introduce new technologies, enabling factor for continuous improvement.</li></ol>



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