



EUROPEAN CENTRAL BANK

EUROSYSTEM

Implementation of Non-time critical payments in TIPS



July 2022

target | TIPS
services

Overview

- 1 Introductory remarks – what is a non-time critical payment in TIPS?
- 2 Instant payments vs non-time critical payments in TIPS
- 3 Sending of non-time critical payments
- 4 Business cases - Examples
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Introductory remarks

What is a non-time critical payment in TIPS?

1.Introductory remarks

Payment transactions can be processed in TIPS differently depending on whether or not they are considered time critical



Non – time critical payments in TIPS would be (if approved):

- An Additional Optional Service (AOS) under the SCT scheme
- Settled in TIPS
- Without the need of the maximum processing time of 20 seconds (as for an instant payment)
- CR 0041 planned to be implemented ([TIPS-0041-URD Introduction of non-time critical instant payments in TIPS](#))

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Instant payments vs
Non-Time critical
payments in TIPS

2. Instant payments vs non-time critical payments in TIPS



Instant payments



NTC Payments

Features

Scheme	SEPA Instant Credit Transfer (SCT Inst) scheme	SEPA Credit Transfer scheme – Additional Optional Service (AOS)
Settlement platform	TIPS	TIPS
Pacs.008 (group header)	Local instrument Code = NA	Local instrument Code = 'INSTNT01' (*)
Timeout threshold	Maximum 20 seconds	Maximum 24 hours
Queuing/retry mechanism	N/A	By TIPS in case of no reply received

(*) In order to identify a transaction as a non-time critical payment in TIPS, the yellow field “Local Instrument Code” within the pacs.008.001.02 group header must be filled in with the identifying code ‘INSTNT01’ – the naming may be subject to change in CR review

 Same for IPs and NTC payments

2. Instant payments vs non-time critical payments in TIPS



Instant payments



NTC Payments

Features

Do you accept NTC?	No, only Instant payments: Authorized Account User with flag 'False' in the TIPS Dir	Yes: Authorized Account User with flag 'True' in the TIPS Dir
Reservation of funds in TIPS	After the payment is accepted by TIPS. Until the Beneficiary PSP accepts/rejects it or the timeout threshold is reached (20")	After the payment is accepted by TIPS. Until the Beneficiary PSP accepts/rejects it or the timeout threshold is reached (24h)
Investigation message	SCT Inst Timestamp Timeout expiration (20") + Investigation Offset	SCT Inst Timestamp Timeout expiration (20") + Investigation Offset
Recall message	After the positive confirmation message to the original payment is sent by TIPS to the Originator PSP (*)	After the positive confirmation message to the original payment is sent by TIPS to the Originator PSP (*)

(*) This check is delegated to the Beneficiary PSP, since TIPS does not check neither the existence nor the status of the underlying instant payment transaction.

Same for IPs and NTC payments

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Sending of non-time
critical payments

3. Sending of NTC Payments

- SCT Inst scheme adherence  **24/7/365** operating hours  Using NTC payments does not prevent PSPs from being compliant with SCT Inst scheme
- TIPS will send NTC using the Instant Messaging transport protocol – no Store & Forward (i.e. stateless protocol)



- If the **Beneficiary PSP is online**, the NTC payment is correctly delivered
- If the **Beneficiary PSP is temporary unavailable** or in case of **network failure** in the delivery of the reply message:
 - the initial NTC payment transmission will get lost and
 - TIPS will perform the NTC payment retransmission – i.e. time based event

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Business cases

4. Business Cases - Examples



NTC
payments

Regular payments - e.g. salaries

Batch/bulk payments

Standing orders - e.g. tax payments

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Benefits

5. Benefits



TIPS: IP + NTC



**24 x 7
availability**



**Positive
customer experience**



**Central Bank
money**

Thank you
