SIC Platform Releases 4.11 and 5.1 of 15 November 2024

SIC RTGS service, SIC IP service and euroSIC RTGS service

Release notes

Version 1.1, valid from 15 November 2024

Change history

All the changes carried out in this document are listed below with the version designation, the change date, a brief description of the change and the specification of the chapters affected.

Version	Date	Description of adjustments	Chapter(s)
1.1	20.03.2024	New chapter "Adjustment to the BIC validation rules"	2.3.12
1.0	20.02.2024	First edition	all

Table 1: Change history

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General notes

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All adjustments made to this document are listed in a change history with the version designation, the adjustment date, a brief description of the adjustment and the specification of the chapters affected.

If you notice any errors in this document or have any suggestions for improvements, we would be grateful to receive your feedback by e-mail to operations.sic@six-group.com.

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1 Introduction

These release notes describe the SIC Platform releases 4.11 and 5.1 of 15 November 2024.
With these releases, adjustments and extensions to the SIC RTGS service, the euroSIC RTGS service and the SIC IP service will take effect as of 15 November 2024.

1.1 Scope of the SIC4 and SIC5 platforms

The adjustments and extensions to the **SIC4 platform** implemented **with release 4.11** affect the following services:

- SIC RTGS service
- euroSIC RTGS service

The adjustments and extensions to the **SIC5 platform implemented with release 5.1** affect the SIC IP service.

2 SIC platform releases 4.11 and 5.1 of 15 November 2024

2.1 Summary

The releases contain the following adjustments, which are described in detail in chapter 2.2, chapter 2.3, chapter 2.4 and chapter 2.5:

a) Chapter 2.2 "Ongoing adjustments"

- Adjustment to the business version in communication protocol V5
- Update of the SASS security solution
- Decommissioning of the Finance IPNet IP network as of 30 June 2024

b) Chapter 2.3 "Adjustments due to Change Requests"

- Account statements of the system managers as ISO 20022 message camt.053
- Adjustments to reclaims from the "Bank and third-party system payments (pacs.009)" message
- Discontinuation of the M90 message (RTGS banking business days calendar query)
- Replacement of messages R10/N11 and discontinuation of message N10
- Steering messages of the system managers as ISO 20022 messages
- Submission and settlement stop for third-party system payments
- Adjustments in the "IP execution confirmation/IP cancellation information"
- Standardisation of the handling of returns across all services
- Standardisation of the amount split for all participants
- Introduction of the dialogue ID at the protocol level
- Validation for direct routing discontinued
- Adjustment to the BIC validation rules

c) Chapter 2.4 "Corrective measures in the Implementation Guidelines"

- Integration of the SIC IP service in the Base Document
- SIC IP service: clarification for "Cancellation due to failed settlement"
- SIC IP service: adjustment to IP recapitulation without payments
- SIC IP service: steering adjustment for the system manager
- Cross-service Implementation Guidelines for the system manager

d) Chapter 2.5 "Extension in the SIC IP service without Change Requests "

- Introduction of whitelisting on the test environments from 2 April 2024
- New functions of virtual participants in the test environments from 2 April 2024
- New use cases for the IP steering of the system manager as of 18 April 2024
- Conversion for releases
- Adjustments to the web portal as of 15 November 2024

Testing

The following procedure is recommended for testing:

- Testing against new XML schema (see chapter 3.3)
- Testing against validation platform with the new XML examples provided (available from the beginning of July 2024 on the SIC Ltd website)
- Testing in the various test environments of the SIC4 platform and SIC5 platform (available from the beginning of July 2024)
- Definitive information on the provision of the test environments for the SIC4 platform, the SIC5 platform and the validation platform will be provided in a circular on 20 June 2024.

2.2 Ongoing adjustments

2.2.1 Adjustment to the business version in communication protocol V5

Reason for the adjustment

The business version is a piece of information that the participant provides when establishing a connection.

The information regarding the business version is sent with the "*LogonRequest*" and is a mandatory field when used with the communication protocol V5. It must be the same for the participant and the SIC RTGS service, the SIC IP service and the euroSIC RTGS service.

Description of the solution

With the releases of November 2024, the business versions will be adjusted as follows:

- **4.11** for the SIC RTGS service and the euroSIC RTGS service
- **5.1** for the SIC IP service

An adjustment to the business version is mandatory upon every change of release in the test and production environments and will be announced in the release notes in each case.

For the two releases 4.11 and 5.1 of 15 November 2024, the following applies:

Service	Clearing day	Business version
SIC RTGS service euroSIC RTGS service	Up to and including clearing day 15 November 2024	4.10
	From clearing day 18 November 2024	4.11
SIC IP service	Up to and including clearing day 15 November 2024	5.0
	On clearing day 18 November 2024	5.0 and 5.1
	From clearing day 19 November 2024	5.1

Table 2: Valid business versions in the services

Effects for the participants

Participants in the SIC RTGS service, the SIC IP service and the euroSIC RTGS system via the messaging gateway who use Finance IPNet must make the necessary adjustments.

2.2.2 Update of the SASS security solution

Reason for the adjustment

Both the most recent version of SASS ("**SIX Advanced Security Server**") and the one immediately preceding it will be supported.

Description of the solution

The most recent versions of SASS security solution can be obtained from the SIC Ltd extranet.
A circular will be sent out in autumn to detail which versions are supported.

Effects for the participants

Participants in the SIC RTGS service, the SIC IP service and the euroSIC RTGS service via the Messaging Gateway will need to switch to a valid version of SASS in due course.

2.2.3 Decommissioning of the Finance IPNet IP network as of 30 June 2024

Reason for the adjustment

In May 2022, SIC Ltd announced in circular A25/2022 that the Secure Swiss Finance Network ("**SSFN**") had been approved as an IP network for the SIC RTGS service, the SIC IP service and the euroSIC RTGS service. At the same time, it was communicated that SSFN would replace Finance IPNet in the medium term.

Description of the solution

As announced in circular (A04/2023), access to the SIC RTGS service, the SIC IP service and the euroSIC RTGS service via Finance IPNet will be replaced by SSFN at the end of June 2024.

Effects for the participants

Participants using the Messaging Gateway access route who still use "Finance IPNet" must switch to SSFN by 30 June 2024 at the latest. The necessary lead times for the procurement of the required infrastructure must also be taken into account.

Details on SSFN can be found on the SIX Interbank Clearing website (www.six-group.com/en/products-services/banking-services/ssfn.html).

Participants with a connection via a service bureau are not directly affected by this measure. However, they must comply with the requirements defined in circular A45/2022 for the connection to their service bureau until 31 December 2024 at the latest. The use of SSFN is recommended in this case as well. Internet connections are no longer permitted.

2.3 Adjustments due to Change Requests

2.3.1 Account statements of the system managers as ISO 20022 message camt.053

Reason for the adjustment (CR2024-SIC4-0003)

Swift has been replacing the previous MT messages with ISO 20022 messages since November 2022. The two system managers, the SNB and the SECB, are also affected, as the account statements of the participants' sight deposit accounts are now sent as Swift MT950.

Description of the solution

The system managers now send account statements, separate in each case, for the SIC RTGS service, the SIC IP service and the euroSIC RTGS service from the participants' sight deposit accounts as ISO 20022 message camt.053.

Effects for the participants

The participants must make the necessary adjustments.

The relevant information for the specifications and any testing will be sent directly to the participants by the system managers.

Contact point for questions:

euroSIC: customer.service@secb.de

SIC: snbsic.ops@snb.ch

2.3.2 Adjustments to reclaims from the "Bank and third-party system payments (pacs.009)" message

Reason for the adjustment (CR2024-SIC4-0006)

Due to the TARGET2 or Swift migration to the ISO 20022 message standard, "Return request (camt.056)" and "Return request rejection (camt.029)" may also occur for bank payments (pacs.009) in cross-border payment transactions.

If a bank payment (pacs.009) forwarded from Swift/TARGET2 is to be reclaimed with a "Return request (camt.056)", this is not possible in the euroSIC RTGS service or the SIC RTGS service, as reclaims are currently only permitted for "Customer payments (pacs.008)".

For bank payments (pacs.009), the use cases "Return request" and "Return request rejection" should in future be also processed consistently in both cross-border and domestic payment traffic using the messages camt.056 and camt.029.

Description of the solution

Reclaims of bank payments (pacs.009) must be requested by means of a "Return request (camt.056)" and, if negative, answered by means of a "Return request rejection (camt.029)", if positive, by means of a "Return (pacs.004)".

Two new CH schemas (XSD), camt.056.001.08.ch.04.xsd and camt.029.001.09.ch.03.xsd have been created for this purpose. Due to shared schemas, these schema adjustments also affect the "SEPA investigation resolution (camt.029)" use case and the SIC IP service.

This adjustment also has an effect on the "Status request (pacs.028)" use case.

The following table shows the affected messages:

Message type	IG designation	Use case	Service
camt.056	Return request	Return request	SIC RTGS service euroSIC RTGS service
camt.056	IP return request	IP return request	SIC IP service
camt.029	Return request rejection	Return request rejection	SIC RTGS service euroSIC RTGS service
camt.029	SEPA investigation resolution	SEPA investigation resolution	euroSIC RTGS service
camt.029	IP rejection of return request	IP rejection of return request	SIC IP service
pacs.028	Status request	Status request	SIC RTGS service euroSIC RTGS service

Table 3: Messages affected by reclaims pertaining to bank payments (pacs.009)

Effects for the participants

The participants must make the necessary adjustments in accordance with the rules which already exist for the pacs.008 message in the SIC and euroSIC handbooks and which now also apply to the pacs.009 message. These new rules will also be included in the two handbooks.

2.3.3 Discontinuation of the M90 message (RTGS banking business days calendar query)

Reason for the adjustment (CR2024-SIC4-0009)

In preparation for the migration from the SIC RTGS service and the euroSIC RTGS service to the SIC5 platform, the M90 message (RTGS banking business days calendar query) in the SIC RTGS service and the euroSIC RTGS service will be completely discontinued.

Description of the solution

The message M90 is rejected with the error code 118 (message unreadable).

The following table shows the message that is no longer valid:

Message type	Designation	Service
M90	RTGS banking business days calendar query	SIC RTGS service euroSIC RTGS service

Table 4: Affected M90 message

As a successor solution, a list of valid bank working days will be available online from July 2024. This list will be provided in a structured and machine-processable form and will be published on the SIC Ltd website under "Bank master download" (menu item: Bank working days calendar).

Effects for the participants

The participants must make the necessary adjustments.

2.3.4 Replacement of messages R10/N11 and discontinuation of message N10

Reason for the adjustment (CR2024-SIC4-0010)

The R1/N11 messages in the SIC RTGS service and the euroSIC RTGS service will be replaced with ISO 20022 messages. The N10 message in the SIC RTGS service and the euroSIC RTGS service will be cancelled without replacement.

Description of the solution for the SIC RTGS service and the euroSIC RTGS service

- Messages R10/N11 and N10 are rejected with error code 118 (message unreadable).
- Messages reda.015 and reda.017 are introduced to replace R10/N11.
- The designation of the use case is changed to "RTGS participant query/RTGS participant delivery".
- Message N10 (change message of BC short master data) is discontinued without replacement.

The following table shows the messages that are no longer valid:

Message type	Replaced by	IG designation	Use case	Service
R10	reda.015	RTGS participant information	RTGS participant query / RTGS participant delivery	SIC RTGS service euroSIC RTGS service
N11	reda.017	RTGS participant information	RTGS participant query / RTGS participant delivery	SIC RTGS service euroSIC RTGS service
N10	n/a	n/a	n/a	SIC RTGS service euroSIC RTGS service

Table 5: Affected messages R10/N11 and N10

Description of the solution for the SIC IP service

- Due to shared schemas and in order to harmonise the message content across all services, these adjustments also affect the SIC IP service.
- A new CH schema (XSD) reda.017.001.01.ch.02.xsd is created as a result of extensions to the content of the reda.017 message.
- In addition, the "IP participant change message" use case is deleted.

Affected use cases or messages in the SIC IP service:

Use case	Message type	IG designation	Service	Note
IP participant query / IP participant delivery	reda.017	IP participant information	SIC IP service	Adapting the message, maintaining the use case
IP participant change message	reda.017	IP participant information	SIC IP service	Deletion of the use case
n/a	camt.025	IP Cash Management receipts	SIC IP service	Deletion of reda.017 receipts

Table 6: Affected use cases in the SIC IP service for reda.017 and camt.025

Effects for the participants

The participants must make the necessary adjustments. The new or adjusted messages are provided for the first time as follows:

Service	Calendar day / time	Clearing day
SIC RTGS service euroSIC RTGS service	15.11.2024 / approx. 20:00 h	18.11.2024
SIC IP service	18.11.2024 at clearing stop 1 of the SIC RTGS service (approx. 17.00 h)	18.11.2024

Table 7: Initial provision of messages

Notes:

- The RTGS settlement account of a participant is no longer listed in the reda.017 message, as it is not relevant for addressing a payment and publication to the entire group of participants is contrary to the need-to-know principle.
- The "RTGS participant query" can be run for the current clearing day and, from clearing stop 1, also for the next clearing day.

2.3.5 Steering messages of the system managers as ISO 20022 messages

Reason for the adjustment (CR2024-SIC4-0011)

In preparation for the migration from the SIC RTGS service and the euroSIC RTGS service to the SIC5 platform, all T and U messages of the system managers will be supported by ISO 20022 messages.

Description of the solution

All system manager use cases are now supported by ISO 20022 messages acmt.015, acmt.010 and acmt.011 or camt.003, camt.004 and camt.048. The previous T/U messages will be retained in parallel for another year and discontinued as of the November 2025 release.

The following table shows the affected messages:

Message type	Use case	Service
T10	Individual settlement stop	SIC RTGS service euroSIC RTGS service
T11	Individual settlement restart	
T13	Individual debit stop	
T14	Individual debit restart	
T15	General settlement stop	
T16	General settlement restart	
T17	General system stop	
T18	General system restart	
T20	Clearing stop 1 shift	
T25	Clearing stop 2 shift	
	Clearing stop 3 shift	
T30	Day-end processing initiation	
T40	Daily start-up release	
U20	Settlement accounts liquidity query	
U31	Liquidity reservation by the system manager	
T24	Cut-off times shift	euroSIC RTGS service

Table 8: Affected T/U messages that are discontinued

The following table shows the new messages:

Message type	IG designation	Use case/function	Service
acmt.015	Service steering by the system manager	Individual settlement stop	SIC RTGS service euroSIC RTGS service
		Individual settlement restart	
		Individual debit stop	
		Individual debit restart	
		General settlement stop	
		General settlement restart	
		General service stop	
		General service restart	
		Clearing stop 1 shift	
		Clearing stop 2 shift	
		Clearing stop 3 shift	
		Day-end processing initiation	
		Daily start-up release	
acmt.010	Service steering by the system manager	OK receipt	
acmt.011	Service steering by the system manager	NOK receipt	
camt.003 /camt.004	Liquidity query of settlement accounts by the system manager	Settlement accounts liquidity query	
camt.048	Reservation by the system manager	Liquidity reservation by the system manager	
acmt.015	Service steering by the system manager	Cut-off times shift	euroSIC RTGS service

Table 9: Affected new ISO 20022 messages

Effects for the participants

The system managers must make the necessary adjustments and switch to the new messages during the parallel phase, but no later than the November 2025 release. The participants are not affected.

2.3.6 Submission and settlement stop for third-party system payments

Reason for the adjustment (CR2024-SIC4-0012)

Currently, the system managers can only intervene to a limited extent if a third-party system participant has submitted incorrect payments to the SIC RTGS service or to the euroSIC RTGS service. This should be optimised.

Description of the solution

The system managers receive a consolidated view of the third-party system payments for the current clearing day via the web portal.

In addition, they can centrally stop or restart the settlement of third-party system payments in the event of misconduct. This is done using the new use cases "Individual third-party system settlement stop" and "Individual third-party system settlement restart" (both ISO 20022 message acmt.015). These two use cases are added to the Implementation Guideline "Steering messages of the system managers as ISO 20022 messages " (see chapter 2.3.5). The new use cases can also be triggered via the web portal as an alternative to the acmt.015 message.

In addition, the system managers retain the option to centrally stop submissions from third-party systems; this is done using two options, which are selected depending on the situation:

a) setting the submission credit of the relevant communication point to "zero" or

b) blocking the relevant communication point.

The following table shows the affected third-party systems:

Use cases affected	Service
BX Digital settlement	SIC RTGS service euroSIC RTGS service
Debit settlement	
Eurex settlement	
Repo settlement	
SECOM settlement	
Viseca settlement	
Terravis settlement	SIC RTGS service

Table 10: Affected third-party systems

Effects for the participants and third-party systems

The ongoing settlement of the affected third-party system payments is stopped immediately if the system manager intervenes.

2.3.7 Adjustments in the "IP execution confirmation/IP cancellation information"

Reason for the adjustment (CR2024-SIC4-0014)

In the case of payments crediting/debiting the same IP settlement account, an identical IP execution confirmation pacs.002 (EXC002) is sent twice to the affected participant. The same behaviour also affects the IP cancellation information pacs.002 (CNC002). The participant is therefore not able to tell from the message whether they are receiving the relevant confirmation or cancellation information in their role as an instructing or instructed participant.

Description of the solution

The IP execution confirmation and the IP cancellation information now contain a distinction between debit and credit in the "Additional information" element.

The following table shows the affected messages and Status Reports:

Message type	IG designation	Type of Status Report	Code	Service
pacs.002	IP Status Report	IP execution confirmation	EXC002	SIC IP service
pacs.002	IP Status Report	IP cancellation information	CNC002	

Table 11: Adjustments to the IP Status Report

Effects for the participants

The participants in the SIC IP service must make the necessary adjustments.

2.3.8 Standardisation of the handling of returns across all services

Reason for the adjustment (CR2024-SIC4-0015)

The return practice for payments that the instructed participant or the creditor cannot accommodate has grown historically. For example, the SIC RTGS service does not specify how to proceed if a creditor is unable to allocate an incoming payment and wishes to repay money.

In the SIC IP service, IP return is only permitted if an IP return request is submitted in advance.

Description of the solution

Return is harmonised via the SIC RTGS service, the euroSIC RTGS service and the SIC IP service.

The following table shows the affected messages:

Message type	IG designation	Use case	Payment type	Code value	Service
pacs.004	Returns	Return	Return	CSTRTN	SIC RTGS service euroSIC RTGS service
pacs.004	IP returns	IP return	IP return	IPCRTN	SIC IP service

Table 12: Affected return messages across all services

Effects for the participants

The participants must make the necessary adjustments. In the SIC RTGS service and the euroSIC RTGS service, clarifications are defined for the handling of a return by the creditor's institution or by the creditor. Return (without prior IP return request) is introduced in the SIC IP service.

2.3.9 Standardisation of the amount split for all participants

Reason for the adjustment (CR2024-SIC4-0018)

As specified in the regulations of the SIC RTGS service and the euroSIC RTGS service, money market transactions between participants that are larger than CHF 100 million (SIC RTGS service) or larger than EUR 50 million (euroSIC RTGS service) must be split into partial payments. However, there are no instructions as to how such amount splits should be identified in the resulting partial payments. This makes it difficult for the instructed participant or the creditor to understand what such amount splits correspond to. In addition, interbank conflicts may arise in relation to the tracking and validation of the original payment when such partial payments are forwarded to international networks (in particular Swift).

Description of the solution

The following instructions were developed in cooperation with Swift.

Participants in the SIC RTGS service or the euroSIC RTGS service who split the amount must take the following requirements into account in the resulting split payments:

- A new, unique UETR must be generated for each split payment in the element *.../PmtId/UETR*. The UETR of the original payment may not be forwarded.
- In the element *.../PmtTpInf/SvcLvl/Cd*, split payments must be identified using the code "SPLI". If an element <SvcLvl> already existed in the original payment (e.g. gpi service level code "G004"), this must not be removed; the new code "SPLI" must be added as an additional occurrence of the element <SvcLvl>.
- In the element *.../PmtId/EndToEndId*, the corresponding identification from the original payment must be transferred in all split payments. This information can be used to establish a reference to the original payment from all split payments.

The instructions in the SIC RTGS service and the euroSIC RTGS service apply primarily to money market transactions but can in principle be applied to all pacs.008/pacs.009 payment messages. The following general conditions must be taken into account:

- The SIC RTGS service and the euroSIC RTGS service do not validate these instructions. The correct application is the full responsibility of the participants involved.
- The SIC RTGS service and the euroSIC RTGS service only ensure the transport of message content. SIX is not responsible for the correct handling of transfers of international payments to or from the Swift network and in connection with Swift Tracker / Swift GPI.
- According to Swift, a central solution is offered for the pacs.009 (gFIT) message in Swift Tracking. It allows the tracker to be updated in the context of the original payment if the instructions are followed. This is not provided for payments pacs.008 or pacs.009COV, but compliance with the specifications in split payments ensures that such payments do not cause any rejections within the Swift network and that amount splits are at least identifiable as such for the recipient, even in the case of cross-border payments.

The following table shows the affected messages:

Message type	IG designation	Service
pacs.008	Customer payments (pacs.008)	SIC RTGS service euroSIC RTGS service
pacs.009	Bank and third-party system payments (pacs.009)	SIC RTGS service euroSIC RTGS service

Table 13: Affected amount split messages

Effects for the participants

The participants must make the necessary adjustments. For further information in relation to Swift (CBPR+, Tracking or Swift GPI), please refer to the relevant Swift guidelines.

2.3.10 Introduction of the dialogue ID at the protocol level

Reason for the adjustment (CR2024-SIC4-0019 and CR2024-SIC4-0020)

With the introduction of the "SIX Message Gateway Protocol V5", camt.019 messages with the same correlation ID were sent at the protocol level in the message traffic with the SIC IP service. This led to problems for the participants if several receipt messages (camt.025) were sent back to the IP service via the same communication point. A workaround in the SIC adapter has improved the situation.

For certain message flows, the SIC IP service expects to receive back from the participant the same correlation ID that it sent to the participant.

Description of the solution

The "SIX Message Gateway Protocol" is supplemented by a dialogue ID at the protocol level. This is introduced in addition to the existing correlation ID and uniquely identifies an open dialogue of "Business Message" (BM) and "Tech-Ack" (TA) for a connection between two communication points. TA messages now only contain the dialogue ID and no longer a correlation ID.

The change results in a new version "**V6**" of the "SIX Message Gateway Protocol".

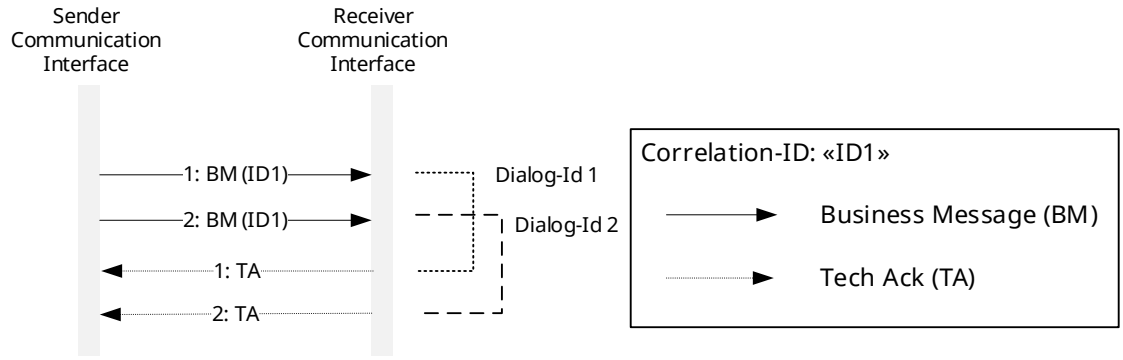

Figure 1: Correlation ID and dialog ID

In addition, message flows that require the same correlation ID are documented more precisely.

Effects for the participants

The participants must make the necessary adjustments.

To make the changeover as easy as possible for the participants, the SIC RTGS service, the euroSIC RTGS service and the SIC IP service will support the old ("V5") and the new ("V6") protocol version in parallel from November 2024 to November 2025.

Once a communication point has switched to protocol version "V6", messages with the same correlation ID can be received simultaneously.

From November 2025, only the new protocol version "V6" will be supported.

2.3.11 Validation for direct routing discontinued

Reason for the adjustment (CR2024-SIC4-0021)

From 17 November 2023, direct routing in the SIC RTGS service is not possible. Corresponding payments are rejected on submission with error code 242 "Direct routing not permitted". This function is not to be migrated to the SIC5 platform.

Description of the solution

From 15 November 2024, this function will be removed from the SIC RTGS service. Customer payments (pacs.008) credited to PostFinance will no longer be granted special treatment.

Effects for the participants

If the payment is not for PostFinance, it will trigger a return (pacs.004).

2.3.12 Adjustment to the BIC validation rules

Reason for the adjustment (CR2024-SIC4-0017)

In the SIC-RTGS service and euroSIC-RTGS service, only "published BICs" have been allowed since 2018.

Since the migration to Swift MX (CBPR+) in March 2023, some participants have noticed a disruption in the payment flow in connection with the elements "Previous Instructing Agent 1-3".

Specifically, the use of "unpublished BICs" in Swift MX messages (CBPR+), which are forwarded via the SIC or euroSIC RTGS service, leads to these rejections. These are in particular 11-digit BICs in which an unpublished branch code (digits 9-11) was used, but the 8-digit BIC contained therein constitutes a valid "published BIC". The majority of such rejections concern unpublished BICs 11 in the elements "Previous Instructing Agent 1-3".

Description of the solution

To ensure the conflict-free transfer of 11-digit "unpublished BICs" from the Swift network, the SIC RTGS service and euroSIC RTGS service only check the first 8 digits of a BIC used (BIC8) for the following elements:

- Previous Instructing Agent 1
- Previous Instructing Agent 2
- Previous Instructing Agent 3

This applies to all messages that use these elements.

Effects for the participants

The participants must make the necessary adjustments.

SIC Ltd accepts no responsibility towards the participants for the use of "unpublished BICs". Any processing problems caused by the use of such BICs must be clarified bilaterally between the participants concerned.

2.4 Corrective measures in the Implementation Guidelines

2.4.1 Integration of the SIC IP service in the Base Document

Reason for the adjustment

The "Base Document" implementation guideline, which contains general and cross-message information, currently only covers the SIC RTGS service and the euroSIC RTGS service.

Description of the solution

The "Base Document" implementation guideline will be extended to cover the SIC IP service. Where necessary, the "Base Document" will explicitly state different specifications for the SIC IP service compared to the two RTGS services.

Effects for the participants

This extension is of an editorial nature only and does not result in any technical or functional adjustments. Further details on the document adaptations can be found in the change history of the "Base Document" implementation guideline.

Note

As part of this integration, all module documents of the Implementation Guidelines of the SIC IP Service will be published on www.iso-payments.ch from release 5.1 on 15 November 2024.

2.4.2 SIC IP service: clarification for "Cancellation due to failed settlement"

Reason for the adjustment

In exceptional cases, the underlying IP customer payment may be cancelled in the SIC IP service despite positive IP feedback from the instructed IP participant.

The current definition does not cover all possible cases that can lead to a "Cancellation due to failed settlement". In the SIC IP service, master data mutations become active immediately after the day change in the new clearing day. In the case of concatenation or deletion of SIC IIDs, such changes in the SIC IP service may result in payments that were submitted without errors shortly before the day change (but not yet settled) no longer being settled after the day change due to changed participant master data.

Description of the solution

The description of the constellation "Cancellation due to failed settlement" is generalised and no longer refers exclusively to "IP customer payments".

The following Implementation Guidelines and code definitions are affected by this adjustment:

Message type	IG designation	Type	Affected code value	Service
pacs.002	IP Status Report	IP cancellation information (CNC002)	ED05	SIC IP service
camt.005 camt.006	IP message query	IP message query	STLMFL	
camt.052	IP recapitulations	Cancellation protocol IP payments (IPCNCR)		

Table 14: Affected messages of cancellation due to failed settlement

Effects for the participants

Participants must make the necessary adjustments to be able to process a "Cancellation due to failed settlement" in all cases.

2.4.3 SIC IP service: adjustment to IP recapitulation without payments

Reason for the adjustment

The SIC IP service creates daily recapitulations with the message type camt.052 for all IP settlement accounts. These recapitulations are also created if no payments have been settled on the IP settlement account on the relevant clearing day.

In the <TtlNtriesPerBkTxCd> element, summarised information on settled payments is provided at payment type level. According to the current definition of the list types "IP recapitulation for the participant (consolidated)" and "IP recapitulation by the system manager", this element is always submitted. However, this is not possible if no payments have been settled on the relevant clearing day.

Description of the solution

The definitions for "IP recapitulation for the participant (consolidated)" and "IP recapitulation by the system manager" are adjusted.

The following table shows the affected messages:

Message type	IG designation	List type	Code value	Service
camt.052	IP recapitulations	IP recapitulation for the participant (consolidated)	IPACCR	SIC IP service
camt.052	IP recapitulations	IP recapitulation by the system manager	IPSYSR	

Table 15: Affected messages due to IP recapitulation adjustments without payments

The definitions for the IPACCR / IPSYSR list types of the <TtlNtriesPerBkTxCd> element are adjusted as follows:

Former definition	Current definition
Always delivered.	Delivered if payments have been settled.

Table 16: Adjustments to the IPACCR / IPSYSR list types

Effects for the participants

If no payments have been settled on the SIC IP settlement account during a clearing day, the delivery of the element <TtlNtriesPerBkTxCd> in the list types IPACCR and IPSYSR is omitted. The participants must make the necessary adjustments in order to continue to process the recapitulations correctly.

2.4.4 SIC IP service: steering adjustment for the system manager

Reason for the adjustment

Various use cases for the steering of the service were defined for the system manager with the introduction of the SIC IP service via message acmt.015. In the course of project phase 1, it was determined that some of these use cases were not necessary, which is why they were not implemented.

Description of the solution

The affected use cases have been removed from the Implementation Guidelines.

The following table shows the affected messages and use cases:

Message type	IG designation	Use case	Code value	Service
acmt.015	Service steering by the system manager	General IP liquidity distribution stop	GLDS	SIC IP service
acmt.015	Service steering by the system manager	General IP liquidity distribution restart	GLDR	

Table 17: Affected return messages for General IP liquidity distribution stop/restart

Note

After consultation with the system manager, the above-mentioned use cases are obsolete, as the same effect can be generated on the IP transit account by using the existing use cases "Individual IP settlement stop / restart".

Effects for the participants

The system manager must make the necessary adjustments. The participants are not affected.

2.4.5 Cross-service Implementation Guidelines for the system manager

Reason for the adjustment

Due to the replacement of the T/U messages for system managers in the SIC-RTGS and the euroSIC-RTGS service, new Implementation Guidelines are required for the ISO 20022 messages acmt.015, acmt.010 and acmt.011 and camt.003, camt.004 and camt.048 (see chapter 2.3.5). Corresponding Implementation Guidelines for the system manager of the SIC IP service already exist for analogue use cases.

Description of the solution

After consultation with the system managers, it was decided to integrate the above-mentioned use cases of the SIC RTGS and euroSIC RTGS services into the existing Implementation Guidelines for the SIC IP service. The previous Implementation Guidelines for the SIC IP service for system managers will be renamed and converted into cross-service documents.

The following Implementation Guidelines are affected by this amendment:

Message type	Former IG designation SIC IP service	Current IG designation cross-service	Service
acmt.015/ acmt.011/ acmt.010	IP service steering system by the system manager	Service steering by the system manager	SIC RTGS service euroSIC RTGS service SIC IP service
camt.003/ camt.004	Liquidity query of IP settlement accounts by the system manager	Liquidity query of settlement accounts by the system manager	
camt.048	IP reservation by the system manager	Reservation by the system manager	

Table 18: Affected cross-service Implementation Guidelines for the system manager

Effects for the participants

The system managers must make the necessary adjustments. The participants are not affected.

2.5 Extension in the SIC IP service without Change Requests

2.5.1 Introduction of whitelisting on the test environments from 2 April 2024

Reason for the adjustment

In the test environments of the SIC IP service, the instructed participant cannot specify which participants may or may not initiate payments to them.

Description of the solution

Introduction of whitelisting for the test options "Testdata" and "Proddata". Transactions are only accepted if the instructing participant has been whitelisted in advance by the instructed participant.

Effects for the participants

Participants who wish to receive test payments must:

- ensure access via the SIC5 web portal and authorise at least one web user for the role "Access to additional test functions".
- **obligatorily** identify counterparties in the master data. This is only possible via the SIC5 web portal.

Notes:

If there is no whitelisting, tests can still be carried out with virtual participants.

For details on whitelisting, see the document "SIC IP Service: External Test Environments and Onboarding".

Information on the web portal is available as follows:

- Info Center for the SIC system: menu items "System interfaces" and "Web portal"
- Project SIC5: access route to the SIC and euroSIC system via web portal
- Project SIC5: description of the roles in the SIC IP Service Handbook, chapter 6

2.5.2 New functions of virtual participants in the test environments from 2 April 2024

Reason for the adjustment

The possibilities for tests in the SIC IP service should be improved.

Description of the solution

The following use cases can now be tested with the virtual participants.

- IP return request
- Status request IP return request
- Rejection of IP payment return request
- IP returns

Effects for the participants

Participants can use these new functions via the web portal. For details, see the document "SIC IP Service: External Test Environments and Onboarding".

2.5.3 New use cases for the IP steering of the system manager as of 18 April 2024

Reason for the adjustment

The system manager should be able to interrupt a participant's liquidity distribution in emergencies.

Description of the solution

The use case, already described in the "SIC IP Service Handbook" and in the Implementation Guidelines, has been moved to project phase 2 and will be introduced on 18 April 2024.

The following table shows the affected messages:

Message type	IG designation	Use case	Service
acmt.015	Service steering by the system manager	Individual IP liquidity distribution stop	SIC IP service
		Individual IP liquidity distribution restart	

Table 19: Affected message acmt.015

Effects for the participants

The system manager must make the necessary adjustments. The participants are not affected.

2.5.4 Conversion for releases

Reason for the adjustment

IP customer payments are processed around the clock (7x24x365), which presents a challenge for the annual release.

Description of the solution

The SIC IP service will carry out any necessary conversion for the first clearing day after the release (18 November 2024) from around 21:00 h.

Effect on the sending participant

- Clearing day 18 November 2024: depending on which business version (see section 2.2.1) a participant connects to, they can submit messages according to release 2023 or release 2024.
- From clearing day 19 November 2024: a message must be submitted according to release 2024.

Effect on the receiving participant

- Clearing day 18 November 2024: Depending on which business version (see section 2.2.1) a participant connects to, the message will be delivered in accordance with release 2023 or release 2024.
- From clearing day 19 November 2024: The message will be delivered according to release 2024.

The following applies to release 5.1 from 15 November 2024:

Clearing day	Business version	Messages according to the Implementation Guidelines
Up to and including clearing day 15 November 2024	5.0	Release 2023
On clearing day 18 November 2024	5.0	Release 2023
	5.1	Release 2024
From clearing day 19 November 2024	5.1	Release 2024

Table 20: Valid business versions for conversion

2.5.5 Adjustments to the web portal as of 15 November 2024

Reason for the adjustment

To date, different versions of the web portal have been used for the SIC RTGS service, the SIC IP service and the euroSIC RTGS service. This should be changed.

Description of the solution

The new version of the web portal allows a common view of the SIC RTGS service, the SIC IP service and the euroSIC RTGS service, depending on the user's authorisation. The old version of the web portal will be discontinued.

Effects for the participants

Participants will only be able to use the new version. No action is required. The login function will be changed centrally, but if participants are using bookmarks, these will need to be adapted.

3 Annexes

3.1 Changes in SIC and euroSIC Handbook

As a result of the adjustments listed in chapter 2, the new version 4.0 of the SIC and euroSIC Handbook will be published in August 2024. This version will be valid from the release date of 15 November 2024 and will replace the current version 3.0.

3.2 Update of Implementation Guidelines and XML schemas

All details on the respective changes can be found in the change history of the Implementation Guidelines at www.iso-payments.ch.

Publication took place at the **end of February 2024** and will be valid from the release date of 15 November 2024.

3.2.1 Base Document for the SIC RTGS service, the euroSIC RTGS service and the SIC IP service

The Base Document previously used only for the SIC RTGS service and the euroSIC RTGS service is now extended for the SIC IP service.

Designations of Implementation Guidelines	Update YES or NEW	Current version – Update date
Base Document	YES	2.3 – 28.02.2024

Table 21: Update of the Base Document

3.2.2 Implementation Guidelines for the SIC RTGS service and the euroSIC RTGS service

Designations of Implementation Guidelines	Update YES or NEW	Current version – Update date
Cash management receipts (camt.025)[1]	YES	2.3 – 28.02.2024
Return request rejection (camt.029)	YES	2.2 – 28.02.2024
Return request (camt.056)	YES	2.3 – 28.02.2024
Returns (pacs.004)	YES	2.3 – 28.02.2024
Customer payments (pacs.008)	YES	2.4 – 28.02.2024
Bank and third-party system payments (pacs.009)	YES	2.3 – 28.02.2024
Status request (pacs.028)	YES	2.1 – 28.02.2024
SEPA investigation resolution (camt.029)	YES	2.2 – 28.02.2024
RTGS participant information (reda.015/reda.017)	NEW	1.0 – 28.02.2024

Table 22: Update of the Implementation Guidelines for the SIC RTGS service and the euroSIC RTGS service

[1] Error correction without functional change

3.2.3 Implementation Guidelines for the SIC IP service

Designations of Implementation Guidelines	Update YES or NEW	Current version – Update date
IP message query (camt.005/camt.006)	YES	2.3 – 28.02.2024
IP cash management receipts (camt.025)	YES	2.3 – 28.02.2024
Rejection of IP return request (camt.029)	YES	2.2 – 28.02.2024
IP recapitulations (camt.052)	YES	2.2 – 28.02.2024
IP return request (camt.056)	YES	2.2 – 28.02.2024
IP status report (pacs.002)	YES	2.2 – 28.02.2024
IP returns (pacs.004)	YES	2.2 – 28.02.2024
IP participant information (reda.015/reda.017)	YES	2.2 – 28.02.2024

Table 23: Update of the Implementation Guidelines for the SIC IP service

3.2.4 Update of Implementation Guidelines for the system manager in the SIC-RTGS service, the euroSIC RTGS service and the SIC IP service

The following Implementation Guidelines, which were previously only used for the SIC IP service, will be extended and renamed for the SIC RTGS service and the euroSIC RTGS service.

Designation of Implementation Guidelines	Updated: YES/NO or NEW	Current version – Update date
Liquidity query of settlement accounts by the system manager (camt.003/camt.004)	YES	2.0 – 28.02.2024
Reservation by the system manager (camt.048)	YES	2.0 – 28.02.2024
Service steering by the system manager (acmt.015/acmt.010/acmt.011)	YES	2.0 – 28.02.2024

Table 24: Update of the Implementation Guidelines for the system manager

3.3 New versions of the XML schemas for all services

As a result of the adjustments listed in chapter 2, the following XML were updated or republished **at the end of February 2024**:

Current XML schemas release 4.10 of 17.11.2023	Updated or new XML schemas releases 4.11 and 5.1 of 15.11.2024
camt.029.001.09.ch.02.xsd	camt.029.001.09.ch.03.xsd
camt.056.001.08.ch.03.xsd	camt.056.001.08.ch.04.xsd
reda.017.001.01.ch.01.xsd	reda.017.001.01.ch.02.xsd

Table 25: Update of XML schemas for all services

The new versions of the XML schemas must be used from SIC platform releases 4.11 and 5.1 of 15 November 2024.