

Message Implementation Guide

pain.002.001.03

CustomerPaymentStatusReportV03

Version 0.1

This document is a preliminary version of the implementation guide for messages that will be used in the future version of Swedbank's service for file payments according to ISO 20022. The purpose of this document is to give an early view of what the interface of the new service will look like.

Since the content of this document is preliminary, changes are likely to happen. If changes were to be made, they will be published. Although, the ambition is for those changes only to contain smaller adjustments.

The new service will be launched in several iterations, where every iteration will extend the service by adding new payment types as well as other relevant features. This implementation guide will also be extended with every iteration, however it will only entail the elements needed for the payment types that it covers.

Swedbank reserves the right to make changes to and update this document at any time [and without any notice]. When updated, a new version of the document will be published at this website.

Introduction

General

This document provides implementors of file-based integrations towards Swedbank with an in-depth description on how an ISO 20022 message is used by Swedbank. This document should be read together with the ISO 20022 Message Definition Reports (see References) and the applicable guideline published by CGI-MP (see References).

Relation to other standards

The Swedbank use of the ISO 20022 messages conforms to the following market practices and regulatory standards:

- CGI-MP – Common Global Implementation – Market Practice
- EPC – European Payment Council
- NPC – Nordic Payment Council

References

Payments - Maintenance 2009 ISO 20022 Message Definition Report	https://www.iso20022.org/message/mdr/14316/download/11
CGI-MP Guidelines Common Global Implementation – Market Practice	https://www.swift.com/standards/market-practice/common-global-implementation/cgi-mp-document-centre

Character Set

Files sent to Swedbank in ISO 20022 format must be encoded according to UTF-8. For cross-border payments, the content of any element should be limited to the Latin character set to be properly transferred internationally. The Latin character set allows the following characters:

a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
0 1 2 3 4 5 6 7 8 9
/ - ? : () . , +
Space

Within the Nordics, the following Nordic national characters are allowed:

å ä æ ö ø
Å Ä Æ Ö Ø

References and Identifiers

Content in element representing references or identifiers must conform to the following rules:

- Content is restricted to the Latin character set
- Content must not start or end with a '/'
- Content must not contain '//s

XML Escape Strings

Symbols not allowed in XML must be replaced in message according to escaping rules:

& replaced with &amp; ;	< replaced with &lt; ;
" replaced with &quot; ;	> replaced with &gt; ;
' replaced with &apos; ;	

Conventions used in this guide

This section describes the structure and content of the Implementation Guideline Section and how they should be used.

Columns

The Implementation Guideline Section is a table with the following headings

Message Element Name	XML tag name with hierarchical level indicated by the number of + characters preceding it.
Type	ISO 20022 data type of the element
Multiplicity	Multiplicity of the element as defined by the ISO 20022 XML Schema
Use	Usage by Swedbank, see section "Swedbank Use of Elements"
Comment	Comments describing conditions, business rules, and other restrictions on the use of an element by Swedbank

Swedbank Use of Elements

In addition to the cardinality defined by the ISO 20022 messages schemas, this document also defines additional constraints or rules on the occurrence of some elements. This is indicated using the following codes:

Code	Description
R	Required by Swedbank or CGI-MP or mandatory according ISO 20022 XML Schema
C	Conditional, with the condition on when the element should be used described in the Comments column
O	Optional, element is not required but will be used according to the description in the Comments column if present
XOR	Mutually exclusive elements, either one or the other but not both must be present.

Elements not used by Swedbank are not presented in the implementation guideline.

Empty Elements

Empty XML elements is not allowed and will result in the rejection of the entire file. Empty elements are defined as:

<Element></Element> or **</Element>**

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Message Element	Name	Type	Mult.	Use	Comment
+GrpHdr	GroupHeader	GroupHeader36	[1..1]	R	
++MsgId	MessageIdentification	Max35Text	[1..1]	R	Unique message identifier generated by Swedbank
++CreDtTm	CreationDateTime	ISODatetime	[1..1]	R	Date and time when the message was created by Swedbank.
++InitgPty	InitiatingParty	PartyIdentification32	[0..1]	R	
+++Nm	Name	Max140Text	[0..1]	R	
+++Id	Identification	Party6Choice	[0..1]	R	
++++OrgId	OrganisationIdentification	OrganisationIdentification4	[1..1]	R	
+++++BICorBEI	BICorBEI	AnyBICIdentifier	[0..1]	R	Will always be SWEDSESS for files sent by Swedbank Allowed values SWEDSESS - Swedbank
+++++Othr	Other	GenericOrganisationIdentification1	[0..n]	R	
+++++Id	Identification	Max35Text	[1..1]	R	The Originator Identifier of the recipient of the message
+++++SchmeNm	SchemeName	OrganisationIdentificationSchemeName1Choice	[0..1]	R	
+++++Cd	Code	ExternalOrganisationIdentification1Code	[1..1]	R	Allowed codes BANK - BankPartyIdentification
+OrgnlGrpInfAndSts	OriginalGroupInformationAndStatus	OriginalGroupInformation20	[1..1]	C	Present when reporting File Level Status
++OrgnlMsgId	OriginalMessageIdentification	Max35Text	[1..1]	R	Message Identification of related message
++OrgnlMsgNmId	OriginalMessageNameIdentification	Max35Text	[1..1]	R	The name of the related message. Allowed values pain.001.001.03
++GrpSts	GroupStatus	TransactionGroupStatus3Code	[0..1]	R	Message level processing status Allowed codes ACCP - AcceptedCustomerProfile PART - PartiallyAccepted RJCT - Rejected
++StsRsnInf	StatusReasonInformation	StatusReasonInformation8	[0..n]	C	Status reason will be reported for all other statuses than 'ACCP'.
+++Rsn	Reason	StatusReason6Choice	[0..1]	C	
++++Cd	Code	ExternalStatusReason1Code	[1..1]	R	See appendix A for used codes.
+++AddtlInf	AdditionalInformation	Max105Text	[0..n]	C	May contain additional information on the status reason code
+OrgnlPmtInfAndSts	OriginalPaymentInformationAndStatus	OriginalPaymentInformation1	[0..n]	C	Present when reporting Payment Information Level Status
++OrgnlPmtInfId	OriginalPaymentInformationIdentification	Max35Text	[1..1]	R	
++PmtInfSts	PaymentInformationStatus	TransactionGroupStatus3Code	[0..1]	R	Payment Information level processing status Allowed codes ACCP - Accepted PART - PartiallyAccepted PEND - Pending RJCT - Rejected
++StsRsnInf	StatusReasonInformation	StatusReasonInformation8	[0..n]	C	Status reason will be reported for all other statuses than 'ACCP'.
+++Rsn	Reason	StatusReason6Choice	[0..1]	C	

Message Element	Name	Type	Mult.	Use	Comment
++++Cd	Code	ExternalStatusReason1Code	[1..1]	XOR	See appendix A for used codes.
+++AddtlInf	AdditionalInformation	Max105Text	[0..n]	C	May contain additional information on the status reason code
++TxInfAndSts	TransactionInformationAndStatus	PaymentTransactionInformation25	[0..n]	C	Present when reporting Transaction Level Status
+++StsId	StatusIdentification	Max35Text	[0..1]	R	
+++OrgnlInstrId	OriginalInstructionIdentification	Max35Text	[0..1]	R	
+++OrgnlEndToEndId	OriginalEndToEndIdentification	Max35Text	[0..1]	R	
+++TxSts	TransactionStatus	TransactionIndividualStatus3Code	[0..1]	R	Transaction level processing status Allowed codes ACSC - AcceptedSettlementCompleted PEND - Pending RJCT - Rejected
+++StsRsnInf	StatusReasonInformation	StatusReasonInformation8	[0..n]	C	
++++Rsn	Reason	StatusReason6Choice	[0..1]	C	
++++Cd	Code	ExternalStatusReason1Code	[1..1]	XOR	See appendix A for used codes.
++++AddtlInf	AdditionalInformation	Max105Text	[0..n]	C	May contain additional information on the status reason code