



Belastingdienst

Manual

Data Delivery by Payment Service Providers (PSP)

Part 3 - Validation Report

Version 2.3 - 20260702



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1 Introduction

1.1 Reading Guide

The manual 'Data Delivery by Payment Service Providers (PSP)' consists of the following parts.

- Part 1 - General: describes the tax law related topics and the filing process.
- Part 2 - Specification Data File: describes the required structure of the data file and its elements, based on the EU specifications.
- Part 3 - Validation Report: describes the message that can be returned to the PSP as a result of a submitted data file.
- Part 4 - Examples: describes the specification of the message for a number of specific cases.
- Part 5 - Structure Diagram: describes the structure of the message specification in the shape of a diagram.

You are now reading 'Part 3 - Validation Report.

Please note:

Part 2 - Specification Data File is leading in the manual, i.e. the other parts follow Part 2 and are kept consistent with Part 2. In case of inconsistencies between the different parts, you can make a notification of your findings, and proceed by adhering to the information provided in Part 2.

1.2 Latest Information and Support

On the Support Digital Messaging (SDM) website (<https://odb.belastingdienst.nl>) you will find the latest information regarding data delivery through messaging. You can also contact SDM for support in the development of software facilitating data delivery. Consult the SDM website for more information or send an email to servicedesk.odb@belastingdienst.nl. Information regarding Digipoort is available on the Logius website (www.logius.nl).

2 Quality Improvement

The Netherlands Tax and Customs Administration and CESOP¹ check the data delivered to them prior to processing the data.

- The Netherlands Tax and Customs Administration checks whether the data abide by the technical rules (paragraph 2.1).
- CESOP checks whether the data abide by the business rules (paragraph 2.2).

If the checks reveal errors or shortcomings in your data delivery, you will receive feedback on this. The purpose of the feedback is to improve the quality of your data deliveries. The Netherlands Tax and Customs Administration strives to have this feedback take place electronically as much as possible.

Please note:

If you have not received a validation report after 72 hours, please contact us. If you have questions about the structure and meaning of the validation report, you can ask for an oral or written explanation. In both cases, please contact us with the information as mentioned in Part 1 paragraph 6.2 Contact options.

2.1 Technical Rules @ Digipoort and Poort

It is first determined whether Digipoort (from Logius) and Poort (from The Netherlands Tax and Customs Administration) can forward and process the data delivered to them automatically. That is the case if:

- no virus was found (no feedback is returned in case 1 or more viruses were found);
- an XML file conforming to the allowed XSD files has been used.

The feedback on technical errors pertaining to an XML file will be encapsulated in an error message. An error message sums up the reasons for rejecting a data delivery.

In the absence of technical errors, the feedback will consist of an 'accepted message'. This indicates that a data delivery has been approved.

2.2 Business Rules @ CESOP

When the data delivery is not rejected technically by The Netherlands Tax and Customs Administration, it is forwarded to CESOP. CESOP checks whether the content of the message meets the specifications. The checks include general checks (for example uniqueness) and content-related checks pertaining to a number of complex types. Unlike most technical checks, checks on business rules are highly dependent on the nature and value of the various data fields. You receive the feedback on checks regarding the business rules in the form of a validation report.

2.3 Validations: Acceptance and Rejections

2.3.1 Acceptance

A PSP sends a Payment Data message. The technical checks at Digipoort and Poort regarding that message have been carried out and approved. The logical checks are then carried out at CESOP and also approved. CESOP validates the received message against all applicable rules implemented in the XSD and additional technical and business rules. CESOP will then communicate this positive result to The Netherlands Tax and Customs Administration by means of a validation report in the form of an "ok" message, which is forwarded to the PSP. The PSP does not need to take any further action after this roundtrip of correlating messages.

¹ CESOP = Central Electronic System Of Payment information

2.3.2 Rejections @ Digipoort and Poort

A PSP sends a Payment Data message. The technical checks at Digipoort and Poort regarding that message have been carried out and unfortunately rejected. The message is not forwarded to CESOP, but rather a rejection is generated and sent back to the PSP.

For the technical rules triggering a rejection by Logius (through Digipoort) and attributes comprising the rejection itself, please consult paragraph 5.1 Technical Rules. For errors as a result of violating the XSD checks conducted by The Netherlands Tax and Customs Administration (through Poort), please consult chapter 3 Specification of Validation Report from The Netherlands Tax Administration. Upon receiving a rejection originated from Digipoort or Poort, the PSP must submit a new Payment Data message in which the reported errors will be corrected.

2.3.3 Rejections @ CESOP

A PSP sends a Payment Data message. The technical checks at Digipoort and Poort regarding that message have been carried out and approved. The logical checks are then carried out at CESOP and unfortunately rejected. CESOP validates the received message against all applicable rules implemented in the XSD and additional technical and business rules. CESOP will then communicate this negative result to The Netherlands Tax and Customs Administration by means of a validation report in the form of an error message, which is forwarded to the PSP. The PSP needs to take action after this roundtrip of correlating messages. Nevertheless, there are 2 sub-cases to be considered.

1. The Validation Result is such that the Payment Data message is fully rejected. CESOP will transmit the negative Validation Result with the ValidationResult element populated with 'FULLY REJECTED' together with the identified errors to The Netherlands Tax and Customs Administration, which is then forwarded to the PSP. When the Validation Result is 'FULLY REJECTED', the PSP must submit a new Payment Data message (MessageTypeIndic = 'CESOP100') in which the reported errors will be corrected.
2. The validation process is such that header and ReportingPSP data elements are positively validated, but at least one payee data element and/or at least one of its associated transaction data elements is negatively validated. This will result in a partial rejection. CESOP will transmit the negative Validation Result with the ValidationResult element populated with 'PARTIALLY REJECTED' together with the identified errors to The Netherlands Tax and Customs Administration, which is then forwarded to the PSP. When the Validation Result is 'PARTIALLY REJECTED', the PSP must submit a corrective Payment Data message (MessageTypeIndic = 'CESOP101') in which the payee(s) and associated transactions on which errors have been reported are corrected and re-transmitted, considering the outline defined in the paragraph about "Corrections" in Part 2.

3 Specification of Validation Report from The Netherlands Tax Administration

A validation report from The Netherlands Tax and Customs Administration can take the form of an error message in response to the technical checks from The Netherlands Tax and Customs Administration.

You will receive a validation report with the detected errors if The Netherlands Tax and Customs Administration was unable to process / forward the delivered message due to an error in the message structure or because a mandatory meta data was omitted (or has an erroneous value). The element 'ResponseType' gets the enumeration value 'error', implying that the validation report is an error message.

If no technical errors have been detected, you will receive feedback and the message will be forwarded to CESOP. The validation reports from CESOP will be elaborated on in chapter 4.

Below is the composition of the validation report from The Netherlands Tax and Customs Administration. A validation report from The Netherlands Tax and Customs Administration is an instance of the XSD file specified by The Netherlands Tax and Customs Administration named "Responsemessage 2012.1".

XML tag	Explanation
Identification	Fixed value: version='2012.1' (via Digipoort)
MessageId	Contains the value 'IBGFM', being an identifier of the responsemessage as assigned by The Netherlands Tax and Customs Administration.
RefersToMessageId	An identifier of the message originally submitted. The identifier contains the file name as stated in the incoming message. Part 2 elaborates on the naming convention for the messages. Hence the value for 'RefersToMessageId' is as follows if one would like to adhere to the naming convention as suggested in Part 2. <MessageType>-<Quarter>-<Year>-<Country_MS>-<PSPId>-<Part_number>.xml
MessageIdBd	The unique identifier as assigned by the Taks Administration to the message originally submitted. This field has the data type "string", and a maximum length of 32 characters.
DatumTijdOntvangst	Indication of the date and time of receipt of the message by The Netherlands Tax and Customs Administration. Format is yyyy '-' mm '-' dd 'T' hh ':' mm ':' ss '+' hh ':' mm, (e.g. 2019-12-21T10:20:43+01:00).
ResponseType	Enumeration values: • 'error'
Specification	
Class	Contains the letter 'X'.
Code	Contains the letter 'e'.
Description	Informative text expanding on each error detected. The value of this element can take a form as follows. • 'Unknown message type: root element: <root element>, namespace: <namespace>, version: <version>.' The values from the incoming message are displayed here instead of the placeholders (encasulated by the angle brackets). • Various (i.e. 1 or more) notifications of errors in the XML message structure.
Location	This element is only filled at the occurrence of each error in the XML message structure. The purpose of this element is to pinpoint the location of each error by means of the row number and column number. The convention for laying out the location of an error is as follows: 'row: [<row number>], column: [<column number>]', e.g. 'row: [67], column: [17]'.

4 Specification Validation Report from CESOP

A validation report from CESOP can take the form of an:

- “ok” message in response to the checks on business rules from CESOP, or
- error message in response to the checks on business rules from CESOP.

You will receive an error message if the CESOP could not process the message forwarded by The Netherlands Tax and Customs Administration due to 1 or more errors detected the CESOP when conducting the checks on business rules. In the occurrence of at least 1 error, the element 'ValidationResult' gets the value 'PARTIALLY REJECTED' or 'FULLY REJECTED'.

If no business rule related errors were found, the same type of message is used conveying that the data delivery has been accepted by CESOP. In that case, the mandatory elements (as defined in the XSD file) are assigned a value. The element 'ValidationResult' gets the value 'VALIDATED', implying that the validation report is an “ok” message.

A validation report from CESOP is an instance of the XSD file named “PaymentData” as specified by the EU.

4.1 CESOP

Complex Type		CESOP
Xpath (XML)	CESOP	
Description	This part of the message contains the actual feedback from CESOP related to a message from a payment service provider previously forwarded by The Netherlands Tax and Customs Administration.	
Conditions	[XSD][CHOICE] One of the complex types 'PaymentDataBody' or 'ValidationResult' must be filled. In this case of a feedback from CESOP, the 'ValidationResult' is filled.	
Explanation	CESOP is a complex type defined by the EU.	
Attribute	version	
	Description	Schema version of the CESOP XSD.
	Conditions	-
	Explanation	-
	Cardinality	[XSD] 1..1
	Format	[XSD] decimal
	Domain	[XSD] 4.03
Cardinality	[XSD] 1..1	

4.2 MessageSpec

For details regarding this complex type and underlying elements, please refer to the eponymous paragraph in Part 2, except for the following elements.

Note:

This paragraph refers to Part 2. However, you should bear in mind that the XPath is slightly different for data deliveries (from PSPs) than for validation reports (from CESOP). The XPath for data deliveries according to Part 2 is PSQL/CESOP/ , whereas the XPath for validation reports according to Part 3 is CESOP/ .

Data Element	MessageType
Xpath (XML)	CESOP/MessageSpec/MessageType
Description	The element represents the type of message.
Conditions	-
Explanation	This element has the value "VLD" (i.e. Validation result) for a validation report (being an "ok" or error message) to be sent to a PSP.
Cardinality	[XSD] 1..1
Format	-
Domain	[XSD] VLD

Data Element	MessageRefId
Xpath (XML)	CESOP/MessageSpec/MessageRefId
Description	The Message Reference ID element contains a unique identifier for the message in form of a UUID version 4.
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	[XSD] UUID ²
Domain	[XSD] [0-9A-Fa-f]{8}-[0-9A-Fa-f]{4}-4[0-9A-Fa-f]{3}-[89ABab][0-9A-Fa-f]{3}-[0-9A-Fa-f]{12}

Data Element	CorrMessageRefId
Xpath (XML)	CESOP/MessageSpec/CorrMessageRefId
Description	Identification number assigned by the sender of the delivery message, to which the validation from CESOP relates.
Conditions	-
Explanation	This element is always filled by the CESOP in a validation report. Based on this element, a sender (and The Netherlands Tax and Customs Administration) can link a validation report to a previously submitted data delivery.
Cardinality	[XSD] 0..1
Format	[XSD] UUID ³
Domain	[XSD] [0-9A-Fa-f]{8}-[0-9A-Fa-f]{4}-4[0-9A-Fa-f]{3}-[89ABab][0-9A-Fa-f]{3}-[0-9A-Fa-f]{12}

4.3 ValidationResult

Complex Type	ValidationResult
Xpath (XML)	CESOP/ValidationResult
Description	ValidationResult, as a complex type of the CESOP message, is the part under which the validation results are listed as feedback on a previously submitted data delivery.
Conditions	-
Explanation	-
Cardinality	[XSD] 0..1

4.3.1 ValidationResult

Data Element	ValidationResult
Xpath (XML)	CESOP/ValidationResult/ValidationResult
Description	As an element of the CESOP message, 'ValidationResult' is the part that indicates whether the data submission has been successfully validated or rejected to which degree (partially or fully).
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	-
Domain	[XSD] VALIDATED, PARTIALLY REJECTED, FULLY REJECTED

² The UUID format is being explained in more detail in Part 2 of the manual.

³ The UUID format is being explained in more detail in Part 2 of the manual.

4.3.2 ValidationErrors

Complex Type	ValidationErrors
Xpath (XML)	CESOP/ValidationResult/ValidationErrors
Description	List of detected errors.
Conditions	-
Explanation	-
Cardinality	[XSD] 0..n

Data Element	ErrorCode
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/ErrorCode
Description	Error code associated with the error detected during validation of the data delivery.
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	-
Domain	[XSD] Enumeration values of the error codes as mentioned in chapter 5 Technical and Business Rules.

Data Element	ErrorCounter
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/ErrorCounter
Description	This element indicates how often the error code (ErrorCode) occurs in the related data delivery.
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	[XSD] n*
Domain	-

Data Element	ErrorShortDesc
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/ErrorShortDesc
Description	Short description of the error code.
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	[XSD] an1..100
Domain	-

Data Element	ErrorDescription
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/ErrorDescription
Description	Full / Long description of the error code.
Conditions	-
Explanation	-
Cardinality	[XSD] 1..1
Format	[XSD] an1..1000
Domain	Description of the error codes as mentioned in chapter 5 Technical and Business Rules.

Data Element	TransactionIdentifier
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/TransactionIdentifier
Description	This element identifies the payment transaction (as included in the related data delivery) for which errors have been detected.
Conditions	-
Explanation	This element is only populated if the error relates to a specific payment transaction.
Cardinality	[XSD] 0..1
Format	[XSD] an1..100
Domain	-

Data Element	DocRefId
Xpath (XML)	CESOP/ValidationResult/ValidationErrors/DocRefId
Description	This element identifies the 'DocSpec' i.e. the unique reference to the 'ReportedPayee' (as included in the related data delivery), where errors have been detected.
Conditions	-
Explanation	-
Cardinality	[XSD] 0..1
Format	[XSD] UUID ⁴
Domain	[0-9A-Fa-f]{8}-[0-9A-Fa-f]{4}-4[0-9A-Fa-f]{3}-[89ABab][0-9A-Fa-f]{3}-[0-9A-Fa-f]{12}

4 The UUID format is being explained in more detail in Part 2 of the manual.

5 Technical and Business Rules

The tables in this chapter give an overview of the error codes and corresponding descriptions. The error codes are categorized by the checks on technical rules and business rules.

5.1 Technical Rules

In accordance with the current agreements, The Netherlands Tax and Customs Administration will carry out the checks on technical rules together with Logius. Thus a payment service provider will only receive the technical errors, which Logius and The Netherlands Tax and Customs Administration report back directly. For the sake of completeness, the specifications of the technical controls for each contributor in the chain are listed below.

Specifications by Logius

You can find these (in Dutch) by following this link.

<https://logius.nl/domeinen/gegevensuitwisseling/digipoort/wat-is-het/koppelvlakken/documentatie-koppelvlak-bestandsuitwisseling-ftp-161>

Specifications by The Netherlands Tax and Customs Administration

These are published on the SDM website and are according to the XSDs and dialogue model. You can read more details in paragraph 1.2 “Latest Information and Support”.

Specifications by the EU

Note:

The following technical error codes relate to the connection between CESOP and The Netherlands Tax and Customs Administration. This is the reason why The Netherlands Tax and Customs Administration will not forward these error codes to the PSPs. Employees of The Netherlands Tax and Customs Administration must assess these technical error codes and take action in order to complete the transfer to CESOP successfully.

Error Code	Description
50010	The Payment Data file failed validation against the CESOP XML Schema. The following errors have been raised: <List of errors>. <List of errors> provides further details regarding the elements and types that do not comply with the XSD.
50020	The CESOP system could not decrypt the referenced file.
50030	The CESOP system could not decompress the referenced file.
50040	The CESOP system could not validate the digital signature on the referenced file.
50050	The CESOP system detected one or more potential security threats within the decrypted version of the Payment Data file.
50060	The receiving CESOP system detected one or more known viruses within the decrypted version of the referenced file.
50070	The received message exceeds the maximum size. It should have been split.
50080	The validation process has detected too many errors and has stopped prematurely.
99999	The received message contains an error for which no specific error code exists. The details must specify what the error is. The use of this error is temporary, until the relevant business rule is created.

5.2 Business Rules

For each error code in this paragraph one can see whether it relates to the Payment data message as a whole (full) or to one or more records within the message (partial).

5.2.1 Message Header Business Rules

Error Code	Description	Rejection
10010	The MessageRefId is not unique over systems and time.	Full
10030	The year of the ReportingPeriod lies before 2024.	Full
10040	The CorrMessageRefId refers to an unknown MessageRefId.	Full
10050	The structure of the MessageRefId does not adhere to the UUID version 4 format.	Full
10060	The structure of the CorrMessageRefId does not adhere to the UUID version 4 format.	Full
10070	The message contains other data than only new data.	Full
10080	The message contains other data than only corrected and/or deleted data.	Full
10090	Only payment data messages are allowed, i.e. MessageType = 'PMT' and the PaymentDataBody element must be provided.	Full
10100	The ReportingPeriod in the correction message is not identical to the reporting period of the correlated message.	Full
10110	CorrMessageRefId in the MessageSpec element has been provided for a 'new data' message.	Full
10120	The transmitting country does not match the country of The Netherlands Tax and Customs Administration.	Full

5.2.2 Common Business Rules

Error Code	Description	Rejection
20010	The DocRefId already exists in the received message.	Partial
20020	The DocRefId already exists in the CESOP data store.	Partial
20030	The structure of the DocRefId does not adhere to the UUID version 4 format.	Full
20040	The CorrDocRefId refers to an unknown record.	Partial
20050	CorrDocRefId has been provided for 'new data'.	Partial
20060	CorrDocRefId is missing for each ReportedPayee.	Partial
20070	CorrDocRefId refers to an invalid DocRefId (invalidated by a previous correction message).	Partial
20100	The format of the provided BIC code does not adhere to the ISO-9362 norm.	Full
20110	The ReportedPayee is missing.	Full
20120	The CorrDocRefId refers to a DocRefId that does not belong to the corrected message identified by the CorrMessageRefId.	Full
20130	The specification is missing while the type 'Other' is supplied -or- The specification has been specified while no type 'Other' has been supplied.	Full
20140	The specification is missing while the type 'Other' is supplied -or- The specification has been specified while no type 'Other' has been supplied.	Partial
20150	The transactions are reported under different ReportedPayee elements.	Full

5.2.3 ReportedPayee Business Rules

Error Code	Description	Rejection
40010	The country code of the 'Country' element within the ReportedPayee element is the same as the country code of the PayerMS element.	Partial
40020	The AccountIdentifier does not adhere to the IBAN format.	Partial
40030	The AccountIdentifier is invalid.	Partial
40040	The ReportedPayee element has been specified for the 'no information to report' message.	Full
40050	The ReportedTransaction is missing.	Partial
40060	Attribute CountryCode and/or type is missing while the AccountIdentifier is supplied -or- Attribute CountryCode and/or type has been specified while no AccountIdentifier has been supplied.	Partial
40070	The format of the provided BIC code does not adhere to the ISO-9362 norm.	Partial
40080	AccountIdentifier and Representative have both been specified.	Partial
40090	The ReportedTransaction must not be present when concerning a deletion of data.	Partial
40100	The AccountIdentifier(s) are invalid for the same ReportedPayee.	Partial
40110	The accountIdentifierOther attribute is defined with IBAN, BIC or OBAN.	Partial
40111	When the value of the 'type' attribute within the 'AccountIdentifier' element is equal to 'OBAN', 'BIC' or 'Other', the account identifier must comply with the required structure: at least 4 characters must be provided and, if the type is not 'BIC', at least one digit must be included.	Partial
40120	The 'TAXId' element must contain at least 4 characters and include at least 2 digits.	Partial
40130	The 'VATId' element must contain at least 4 characters and include at least 2 digits.	Partial

5.2.4 ReportedTransaction Business Rules

Error Code	Description	Rejection
45010	The isRefund attribute refers to a wrong value declared in the Amount element.	Partial
45030	At least one DateTime element in the ReportedTransaction does not refer to a date within the ReportingPeriod.	Partial
45040	Within the Payment Data message 2 or more payments have been found with identical TransactionIdentifier values.	Partial
45050	The TransactionIdentifier of a payment received in the Payment Data message already exists in the Transaction catalogue in the CESOP data store for the related PSP and the same Reporting Period.	Partial
45060	The value of the Amount is equal to zero.	Partial
45080	The same type of transaction date has been provided more than once.	Partial
45090	The isRefund attribute is set to a wrong value.	Partial