



Specifications

Dialogue model

Generic

SBR processing

Digipoort - WUS

19 January 2017

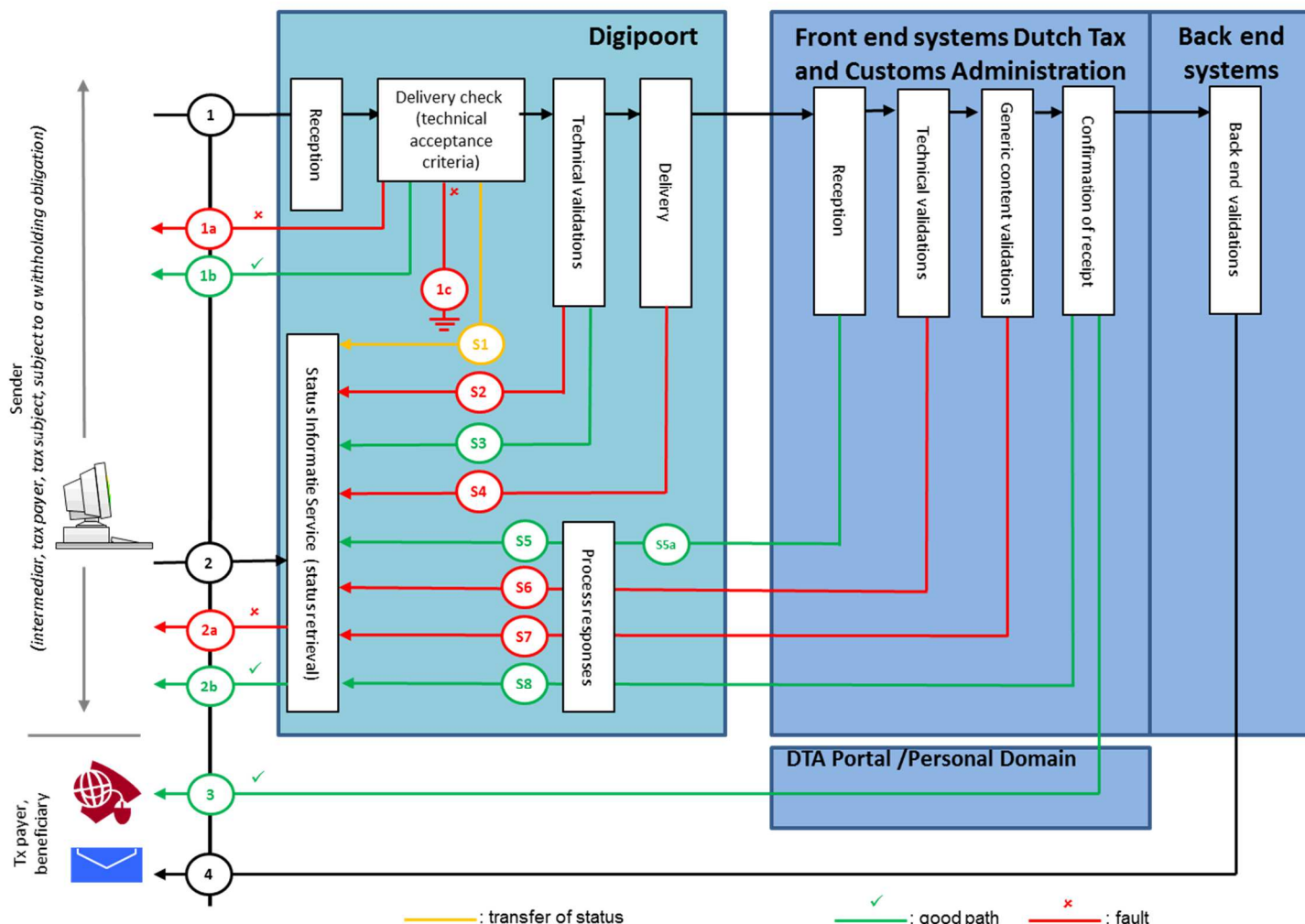
Version 1.0

DISCLAIMER =====
No rights can be derived from this document. The Dutch Tax and Customs Administration does not accept any liability for the incorrect, incomplete or untimely transfer of the content of this document.
=====

This document outlines the process involved in delivery via SBR, with the WUS interface, and the response messages that may be received in reaction to the received message.

This document describes the generic dialogue. This consists of two system-to-system interactions: the delivery of the message (step A) and the retrieval (one-off or a number of times) of the associated status information (step B). The system-to-system communication may be followed by supplementary communication (step C).

Generic dialogue SBR reception services with the WUS interface



Symbol	State	Digipoort state – Dutch	Digipoort state – English
1b, S1	100	Aanleveren gelukt	Submission successful
S2	910 *	Controle blacklist niet gelukt	Blacklist control was unsuccessful
	311 *	Validatie niet gelukt	Validation (message) failed
	321 *	Technisch probleem bij validatie	Technical problem during validation
S3	900	Controle blacklist gelukt	Blacklist control successful
	301	Validatie gelukt	Validation (message) successful
S4	410 *	Afleveren uitvragende partij niet gelukt	Delivery to recipient failed
	425 *	Maximaal aantal afleverpogingen bereikt	Maximum number of delivery attempts reached
S5	400	Afleveren uitvragende partij gelukt	Delivery to recipient successful
S6, S7	510 *	Validatie bij uitvragende partij niet gelukt	Validation (message) with recipient failed.
S8	500	Validatie bij uitvragende partij gelukt	Validation (message) with recipient successful

* These statuses come with an error code. See the following document published by Logius for the corresponding error codes: "ENG_Digipoort status and error codes for DWT.pdf"

Intermediate states:

105	Aanleverproces gestart	Submission process initiated
110	Aanleverproces wordt aangeboden	Submission process is pending
405	Afleveren naar uitvragende partij bezig...	Delivery to recipient pending
420	Technisch probleem bij de afleverservice van de uitvragende partij	Technical problem with the delivery service of the recipient Digipoort will attempt to deliver the message to the Tax and Customs Administration several times based on a retry schedule.

Generic dialogue

STEP A – Delivery

The process starts when a sender delivers a message, packaged in a SOAP envelope, to the Logus Digipoort via the WUS interface.

1. Delivery of message by sender.

On the receipt of the message Digipoort carries out a number of checks, of which the most important are:

- does the message comply with the interface description;
- are there no problems with the security;
- validity of the PKI-overheid services certificate (a Dutch certificate). PKI-overheid stands for Public Key Infrastructure for the Dutch Government..

Any error revealed during these checks results in response 1a being sent, together with a statement of the error that has been found:

1a. SOAP fault from Digipoort: Digipoort found errors during the delivery check and the message cannot be processed. Correct the error(s) and send the message again. You have not fulfilled any obligations you may have regarding formal submission.

If the message has been successfully received by Digipoort then Digipoort sends a confirmation of transport (1b) stating that Digipoort has received the message:

1b. SOAP response from Digipoort: confirmation of transport (=Digipoortstatus 100: 'delivery succeeded'); The message has been successfully received by Digipoort. The dialogue is not complete at the time the sender receives the confirmation of transport. The message may still be rejected. The sender is not expected to take any further action for the time being.

The delivery of a message is followed by the return of a SOAP fault or a SOAP response (1a or 1b). This takes place during the WUS session. There is one possible exception to this rule:

1c. No response. There will be no response when the message contains a (potential) security risk (technical refusal).

Digipoort processes the message and sends it to the Dutch Tax and Customs Administration. Statuses are assigned during this processing. The sender has to check that the message has reached the end status. The dialogue is completed only when the end status has been attained. This will usually be in the form of a confirmation of receipt (S8). To check the statuses the sender can consult the StatusInformatieservice (status information service) See step B.

STEP B – Retrieval of status information

A message is assigned a number of statuses during its processing. All statuses can be retrieved via the StatusInformatieservice.

2. The sender sends a request for status information.

The request to the StatusInformatieservice can result in an 'error' when the status request does not comply with the interface description:

2a. SOAP fault from Digipoort: an error message because the status request does not comply with the interface description. Correct the error and send the request for status information again.

When the sender requesting the status is authorized to view the information then the StatusInformatieservice retrieves the status information and returns it to the sender (2b):

2b. SOAP response from Digipoort: Status information about the message for which the status has been requested.

STEP B - Summary of the status reports in SOAP response 2b

The SOAP response, 2b, from the StatusInformatieservice contains a status code and description of the status and, where relevant, an error code and description of the error. The status can, depending on the course of the process, be one of the

following types of status codes (a full list of the statuses that Digipoort recognises is available in the interface documentation published by Logius):

- S1: Status report from Digipoort: Digipoortstatus 100 'delivery succeeded'
A delivered message passes through a number of statuses during step A, like the confirmation of transport (1b) that has been sent. The statuses in step A are made available via the StatusInformatieservice.
- S2: Status report from Digipoort: (various Digipoort statuses, see table below the figure)
when the technical validation reveals errors in a message then Digipoort returns an error status. The meaning of this status is: the message could not be evaluated due to a technical error: the tax return has not been filed. Correct the error and send the message again. You have not fulfilled any obligations you may have regarding formal submission.
- S3: Status report from Digipoort: (various Digipoort statuses, see table below the figure)
when the technical validation does not reveal any errors in a message then Digipoort returns a good status. The dialogue is not complete. The sender is not expected to take any further action for the time being.
- S4: Status report from Digipoort: when Digipoort is unable to deliver the message to the Dutch Tax and Customs Administration then a S4 message is generated, together with an error code and a description of the error. The meaning of this status is: the message will not be processed further. Contact the Logius Service centre (in case of status code 410, 'delivery to receiving party failed', +31 708 896 360) or the Tax Telephone Service (for non-Dutch people) from the Dutch Tax and Customs Administration (in case of status code 425 'maximum number of delivery attempts reached', +31 555 385 385). You have not fulfilled any obligations you may have regarding formal submission.
- S5: Status report from Digipoort: Digipoort status 400 'delivery to receiving party succeeded'
the Dutch Tax and Customs Administration confirms the receipt with a message (arrow S5a; this is not visible to the sender). Digipoort 'translates' this into S5. The message has been delivered to the Dutch Tax and Customs Administration and contains the timestamp of receipt at Digipoort (the Dutch Tax and Customs Administration copies this timestamp). The dialogue is not complete. The sender is not expected to take any further action for the time being.
- S6: Status report from the Dutch Tax and Customs Administration: Digipoort status 510 'validation by receiving party failed'
when the technical validation reveals errors in a message then the Dutch Tax and Customs Administration sends an error message. The meaning of this status is: due to a technical error it was not possible to evaluate the message. Correct the error and send the message again. You have not fulfilled any obligations you may have regarding formal submission.
- S7: Status report from the Dutch Tax and Customs Administration: Digipoort status 510 'validation by receiving party failed'
when the evaluation of the content of the message reveals errors (for example, the taxpayer is unknown) then the Dutch Tax and Customs Administration sends an error message. The meaning of this status is: the message could not be evaluated due to a content error: the tax return has not been filed. Correct the error and send the message again. You have not fulfilled any obligations you may have regarding formal submission.
- S8: Status report from the Dutch Tax and Customs Administration: Digipoort status 500 'validation by receiving party succeeded'
when the message is technically correct and can be processed then the Dutch Tax and Customs Administration sends a confirmation of receipt. The meaning of this status is: The Dutch Tax and Customs Administration has successfully received your message. You have fulfilled the obligations regarding formal submission. (where applicable to this flow). Bear in mind that this status makes no statement about the tax accuracy/acceptance of the tax return!

About S6, S7 and S8: Digipoort status reports have a fixed structure. With S6, S7 and S8, the reaction of the Dutch Tax and Customs Administration is included in a CDATA section of the status report. The layout of the response is described in the document "Message specification Response message". In addition, the Error table_ NT_DTCA_version 4.0 specifies the messages returned by the Dutch Tax and Customs Administration in the CDATA section. Status reports S6, S7 and S8 are made available in Digipoort within two working days of the delivery of the original message.

STEP C – Other communication (not system-to-system)

- On a confirmation of receipt (S8) the Personal Domain (DTA Portal) of the person involved is updated to indicate that the Dutch Tax and Customs Administration has received a message. However, whether this takes place depends on the type of flow. If so configured by the person involved, the person involved will also receive an email notification.
- The evaluations for the specific type of tax (tax evaluation) may give cause to a variety of (hardcopy) communications. These are sent to the person involved. In certain situations contact may also be sought with the sender.

Note!

The confirmation of receipt (S8) indicates that the technical elements of the message are correct. It does not guarantee that the message can actually be processed. A message that is technically correct still cannot be processed when, for example, the message is a 4-week tax return whilst the Dutch Tax and Customs Administration had expected a monthly tax return.

Version history

Version	Date	Description
1.0	03-11-2016	The "Dialogue model Generic SBR processing Digipoort – WUS v1.0" is an English translation based on the Dutch version of 27 July 2015.

Explanation of abbreviations used

SBR	Standard Business Reporting. A programme initiated by the Dutch government that is implemented in close cooperation with market players to standardize electronical communication between market players and governmental agencies.
SOAP	See WUS.
WUS	One of the standards for messages between the business community and government. It is an acronym for WSDL , UDDI and SOAP . <i>WSDL</i> = Web Service Definition Language; an XML language for the specification of interfaces between webservices. <i>UDDI</i> = Universal Description, Discovery and Integration; a register based on XML that businesses can use to present their webservices. <i>SOAP</i> = Simple Object Access Protocol; a protocol for the specification of a message structure. The message consists of an envelope containing a header and the body.
XML	Extensible Markup Language; a standard of the W3 consortium use to specify the structure and appearance of electronical messages. XML messages have a format that is both human-readable and machine-readable