

Process description SMTP-MTA

Messages are sent by private parties to public authorities or from public authorities to private parties. Logical addresses are used to address messages; this ensures that interfaces based on SMTP, messages can only be sent through Digipoort to the recipient. The Digipoort tool provides for the translation of logical addresses into physical addresses. Parties can be connected to the same message flow with several addresses.

No further validation takes place on the (content of the) message by the Digipoort tool, other than verification of the interface specifications.

Within the new Digipoort tool, for the SMTP 11 interface, message flows are separated for two parties. An overview of the message flows is shown in table 1.

Process/message flow	Parties
Handling declarations (AGS declaration system)	Customs
EMCS	Customs
NCTS / Transit	Customs
Provisioning (SHS)	Customs
Sagitta import	Customs
Sagitta import	Customs
Sagitta export (ECS export)	Customs
CID Provision of information	Customs
Pre-notification import animal products	NVWA/LNV
Pre-notification import plant products	NVWA/LNV
E-logbook fishing vessels	NVWA/LNV

Table 1: Message flows on Digipoort which can be delivered through SMTP

Message processing

Starting message processing by Digipoort starts by delivering the message. This results in a delivery response or delivery error being generated by Digipoort. This is translated within the SMTP-MTA interface into a positive DSN (SUCCESS) or a negative DSN FAILURE

Delivery

Upon delivery, Digipoort establishes whether, in respect of the trustworthy operation of Digipoort, it would be safe from a technical point of view to accept a message that is delivered. To this end, Digipoort conducts the initial essential technical checks. If the checks are completed successfully, Digipoort initiates the process that corresponds to the message and the party making the request. The process

forms a kind of front door to Digipoort, where access is given or denied based on fulfilling the entry requirements, such as a valid authorisation and workable message size.

Confirmation of receipt

After receipt of a message, Digipoort sends a technical receipt confirmation to the party sending the message. This receipt confirmation shows the technical receipt or a rejection on technical grounds of the message by Digipoort.

Delivery

Digipoort handles the delivery of messages to the Tax Authorities. A connection is set up with the party making the request and, after verification and conducting checks, the message is delivered

Interface

Digipoort offers a basic service, which can be used by businesses and public authorities. The SMTP-MTA interface has been set up in such a way that this offers a platform for sending messages to Digipoort. The interface specification indicates which specifications are used for sending messages and which standards are used to construct messages.

In this interface specification, the actual content of the message that is sent through the interface is not commented on. These are specific chain agreements, that have to be described in the definitions that are prepared by the various chain partners.

For more interface specifications, see:

“Interface SMTP-MTA_v2.1.2”