INSTRUCTIONS FOR THE

"SDICOOP - TRANSMISSION" SERVICE

VERSIONE 1.1

1. GLOSSARY

In this document, the following terms are used with the meanings given below:

- **addressee**: subject, whether buyer/orderer or third party intermediary to which the *ES* must send the *FatturaPA file* (PA invoice file) received from the *transmitter*;

- **FatturaPA file**: file conforming to the specifications of the fatturaPA format published on the website www.fatturapa.gov.it;

- **message files**: files conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;

- **archive file**: compressed file (.zip) containing one or more *fatturaPA files*;

- **interface**: what the *web-service* displays for interacting with the other system;

- **deadline passed notification**: communication that the *ES* sends to both the *transmitter* and to the *addressee* if 15 days have passed without having received a *client outcome notification;*

- **outcome notification**: communication that the *ES* forwards to the *transmitter,* containing the output described by the *addressee* in the *client outcome notification*;

- **undeliverable file notification**: communication that the *ES* forwards to the *transmitter,* to report the definitive impossibility of delivering to the *addressee* the *fatturaPA file*;

- **failed delivery notification**: communication that the *ES* forwards to the *transmitter,* to report the temporary impossibility of delivering to the *addressee* the *fatturaPA file*;

- **rejection notification**: communication that the *ES* sends to the *transmitter* if the file transmitted (*fatturaPA file* or *archive file*) has not passed the contemplated checks;

- **delivery notification**: communication that the *ES* sends to the *transmitter* to certify the delivery to the *addressee* of the *fatturaPA file*;

- **service**: within the sphere of the service for Electronic Invoicing to the Public Administration, the term service refers to one of the channels provided by the ES for the interoperability of the systems in the management of the transmission and receipt of the *fatturaPA files* and of the *message files;*

- **ES**: the Exchange System, i.e. the structure introduced by the Ministry of Economy and Finance by which electronic invoices are sent to the Public Administration (Art.1, section 211, of Italian law n° 244 of 24 December 2007);

- **transmitter**: subject, whether seller/provider or third party intermediary, which transmits the *fatturaPA file* or the *archive file* to the ES;

- **web-service**: software system which can guarantee the interoperability between systems in the same network.

2. *SDICOOP - TRANSMISSION* SERVICE

This document contains the instructions necessary to interact with the Exchange System through the *SDICoop* Service in the role of *Transmitter*.

The service allows the transmitter, by means of a cooperation application channel, to:

- send the fatturaPA to the ES;

- receive messages from the ES relative to the files transmitted

In particular, the *SDICoop – Transmission* Service is composed of two different web-services:

- **SdlRiceviFile**: available to the ES, this service deals with receiving the files sent by the transmitter;

- **TrasmissioneFatture**: available to the transmitter, this service deals with receiving the messages sent by the ES;

The figure below illustrates the two web-services with the operations available in each interface.
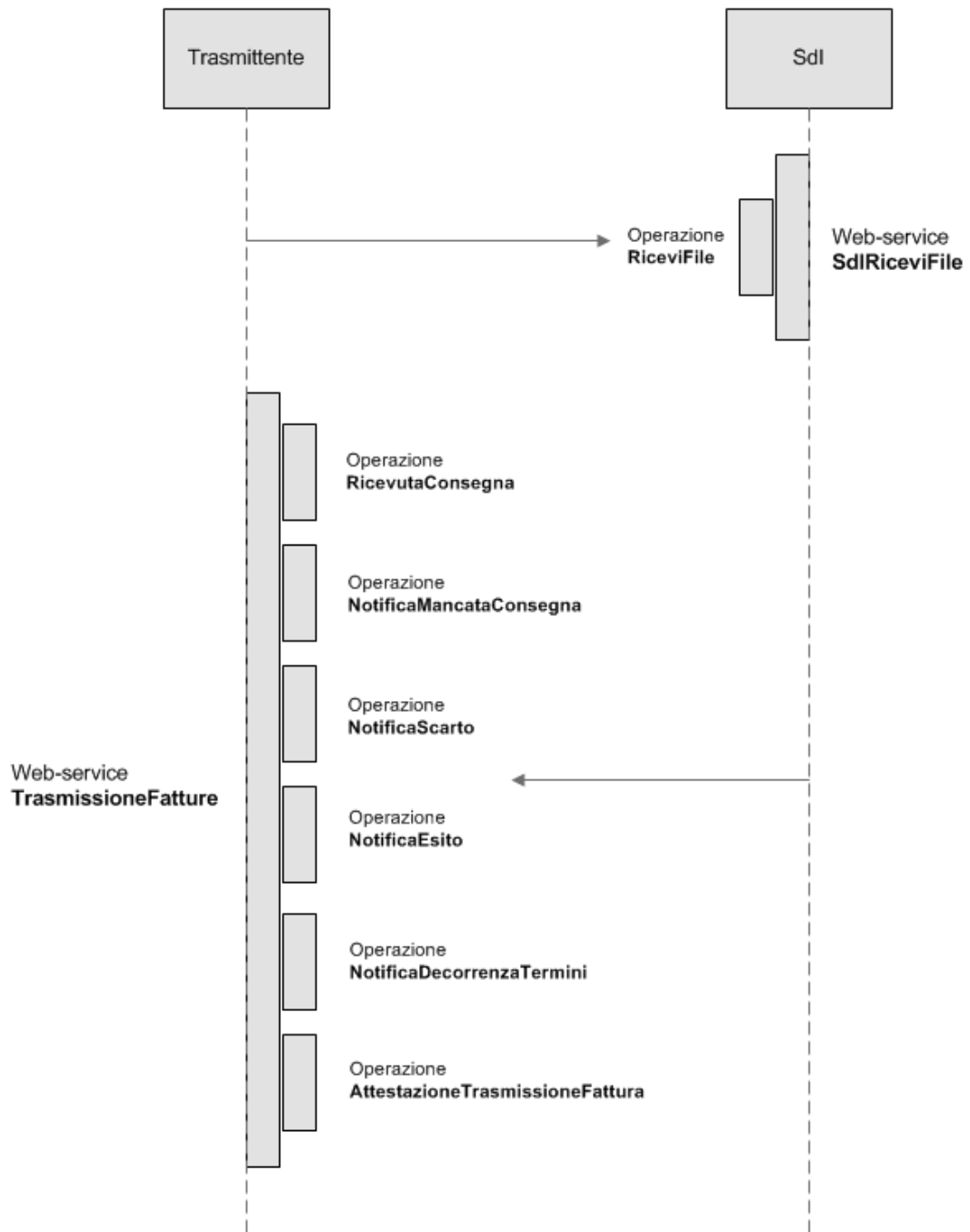
SDICoop - Transmission service

For each web-service, the *SOAP Request* and the *SOAP Response* relative to each operation are illustrated below with detail of the structure of the single messages.

Key of symbols used below

🔵	Web-service
✳	Transaction
▷	Input
◁	Output
⬚	Tag name
ⓔ	Element name
⬚	Element type
ⓐ	Version

NB:

The *wsdl* and *xsd* files referred to hereafter can be found, together with a copy of this document, in the "Registration Application" file produced by means of the specific registration procedure of the available channel on the site www.fatturapa.gov.it.

The undersigning of the Channel Registration Request implies full acceptance of the technical rules described herein.

## 3.	THE WEB-SERVICE SDIRICEVIFILE (ES FILE RECEIPT)

The web-service *SdIRiceviFile* is available to the Exchange Service.
It:

- receives as input the fatturaPA file or an archive file;

- it returns as output an identification of the file transmitted and the date/time of receipt or an error code.

Description of the interface

The interface which must be used for the web-service *SdiRiceviFile* is described in the file **SdIRiceviFile_v1.0.wsdl.**
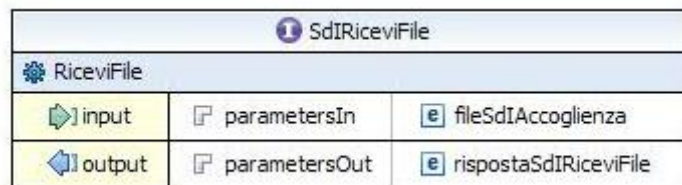
### 3.1.1	RICEVIFILE OPERATION

The web-service *SdIRiceviFile* involves a single operation, *RiceviFile,* for receiving the files sent by the transmitter.

3.1.1.1 Request

The SOAP request has the following structure:

The input parameters are described below:

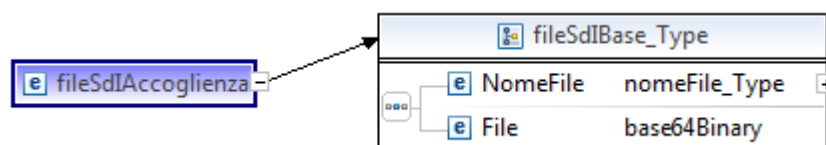| Parameter	Description
NomeFile	Name of the file to be transmitted
File	Attachment containing the FatturaPA file, or the archive file, converted into base64Binary, conforming to the xsd format of the "*FatturaPA[1]*".

The types referred to are defined in the file **TrasmissioneTypes_v1.0.xsd**.

3.1.1.2 Response

The SOAP response has the following structure:
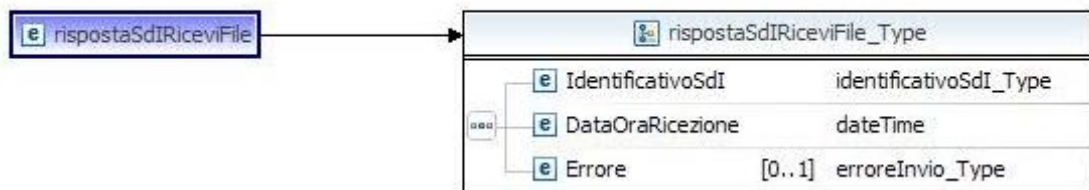
The output parameters are described below:

Parameter	Description
IdentificativoSdI	Identification assigned by the ES to the file transmitted
DataOraRicezione	Date and Time of receipt on the part of the ES
Error	Possible transmission error that has occurred. This can have one of the following values: **EI01** = attached file is empty

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[1] conforming to what is indicated in the implementation specifications of the FatturaPA format published on the site www.fatturapa.gov.it.

| | **EI02** = service momentarily unavailable |
| | **EI03** = unauthorised user |

The types referred to are defined in the file **TrasmissioneTypes_v1.0.xsd**.

4.   THE WEB-SERVICE TRASMISSIONEFATTURE (INVOICE TRANSMISSION)

The web-service *TrasmissioneFatture* must be available to the transmitter. It involves five operations which allow for receiving the following message files:

-   Delivery receipt;

-   Failed-delivery notification;

-   Rejection notification;

-   Outcome notification

-   Deadline-passed notification;

-   Proof of invoice transmission with impossibility of delivery.

Description of the interface

The interface which must be used for the web-service *TrasmissioneFatture* is described in the file **TrasmissioneFatture_v1.1.wsdl**.

| TrasmissioneFatture		
RicevutaConsegna		
input	ricevuta	ricevutaConsegna
NotificaMancataConsegna		
input	mancataConsegna	notificaMancataConsegna
NotificaScarto		
input	scarto	notificaScarto
NotificaEsito		
input	esito	notificaEsito
NotificaDecorrenzaTermini		
input	decorrenzaTermini	notificaDecorrenzaTermini
AttestazioneTrasmissioneFattura		
input	attestazioneTrasmissioneFattura	attestazioneTrasmissioneFattura

4.1.1 RICEVUTACONSEGNA (DELIVERY RECEIPT) OPERATION

The *RicevutaConsegna* operation allows the transmitter to receive a message file containing the delivery receipt for every fatturaPA file that the ES delivers to the addressee;

4.1.1.1 Request

The SOAP request has the following structure:
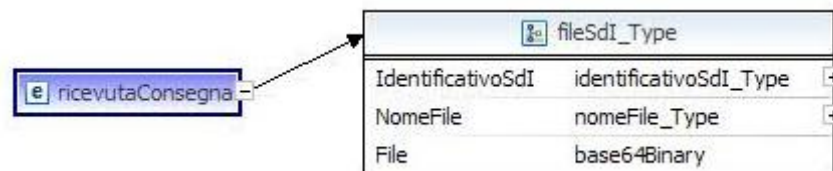
The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	Name of the delivery receipt file
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the *"File delivery to addressee receipt notification[2]"*.

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation *RicevutaConsegna* **does not** contemplate a *SOAP Response*.

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[2] conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;

4.1.2 NOTIFICAMANCATACONSEGNA (FAILED-DELIVERY NOTICE) OPERATION

The *NotificaMancataConsegna* operation allows the transmitter to receive a message file containing a failed-delivery notification for every fatturaPA file that the ES does not succeed in delivering to the addressee.

4.1.2.1 Request

The SOAP request has the following structure:
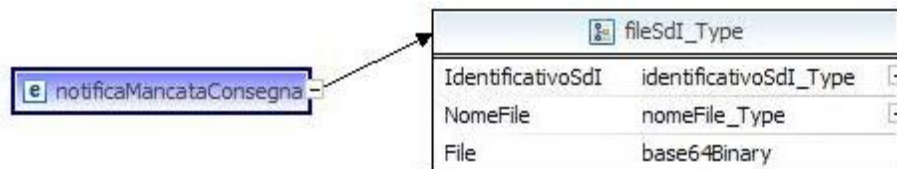
The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	The name of the failed-delivery notification file
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the *"Failed delivery notification [3]"*.

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation *NotificaMancataConsegna* **does not** involve a *SOAP response*.

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[3] conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;

4.1.3   NOTIFICASCARTO (REJECTION NOTICE) OPERATION

The *NotificaScarto* operation allows the transmitter to receive a message file containing a rejection notification for every fatturaPA file or every archive file that has not passed the ES checks.

4.1.3.1 Request

The SOAP request has the following structure:
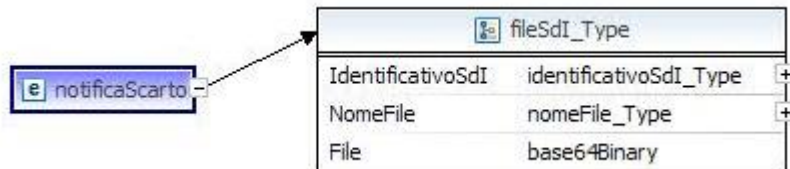
The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	The name of the rejection notification file
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the "*Rejection notification[4]*".

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation *NotificaScarto* **does not** involve a *SOAP Response*.

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[4] conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;

4.1.4   NOTIFICAESITO (OUTCOME NOTICE) OPERATION

The *NotificaEsito* operation allows the transmitter to receive a message file containing an outcome notification for every invoice document, present in the fatturaPA file, delivered to the addressee and for which the addressee has communicated an outcome to the ES.

4.1.4.1 Request

The SOAP request has the following structure:
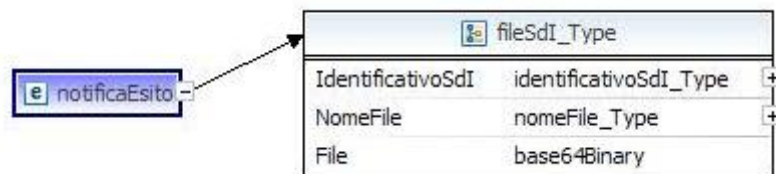
The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	The name of the outcome notification file
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the "*Outcome notification (Seller)*[5]".

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation *NotificaEsito* **does not** involve a *SOAP response*.

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[5] conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;

4.1.5 NOTIFICADECORRENZATERMINI (DEADLINE PASSED NOTICE) OPERATION

The *NotificaDecorrenzaTermini* operation allows the transmitter to receive a message file containing a deadline-passed notification for every invoice document, present in the fatturaPA file delivered to the addressee, for which, after the time limit, the ES has not received any outcome from the addressee.

4.1.5.1 Request

The SOAP request has the following structure:
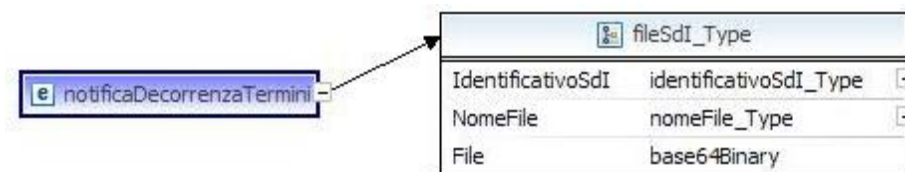
The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	The name of the deadline-passed notification file
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the "*Deadline-passed notification[6]*".

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation *NotificaDecorrenzaTermini* **does not** involve a *SOAP response.*

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[6] conforming to the indications of annex B-1 of the implementation specifications of the technical rules published on the website www.fatturapa.gov.it;
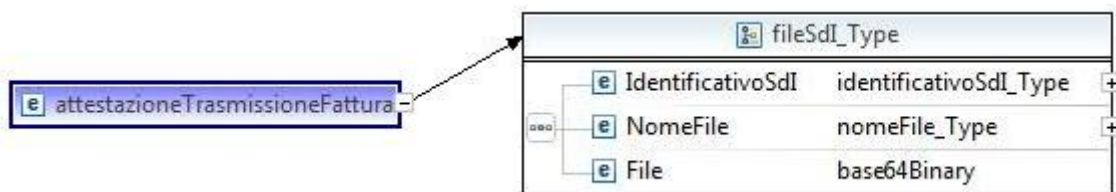
4.1.6 *ATTESTAZIONETRASMISSIONEFATTURA (*Proof of invoice transmission with impossibility of delivery*) OPERATION*

The operation *AttestazioneTrasmissioneFattura* [Invoice Transmission Notice] allows the transmitter to receive a message file containing proof of invoice transmission with impossibility of delivery for every FatturaPA file for which delivery to the addressee within the maximum deadline was not possible.

4.1.6.1 Request

The SOAP request has the following structure:

The input parameters are described below:

Parameter	Description
IdentificativoSdI	Identity assigned to the file by ES
NomeFile	The name of the proof of invoice transmission with impossibility of delivery
File	Attachment containing the message file, converted into base64Binary, conforming to the xsd format of the "proof of invoice transmission with impossibility of delivery [7]".

The types referred to are defined in the file **TrasmissioneTypes_v1.1.xsd**.

The operation A*ttestazioneTrasmissioneFattura* **does not** involve a *SOAP Response*.