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European eInvoicing Standard in Italy

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Message response gap analysis

Deliverable D2.3

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Glossary

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| **B2B** | Business to Business |
| **B2C** | Business to Consumer/Citizen |
| **B2G** | Business to Government |
| **BII** | Business Interoperability Interfaces |
| **C2G** | Citizen to Government |
| **CCTS** | Core Component Technical Specification |
| **CEF** | Connecting Europe Facility |
| **CEM** | Certified Electronic Mail – Legal Mail (PEC Posta Elettronica Certificata in Italy) |
| **CEN** | European Committee for Standardisation |
| **CII** | Cross Industry electronic Invoice |
| **CIUS** | Core Invoice Usage Specification |
| **DSI** | Digital Service Infrastructures |
| **EDIFACT** | Electronic Data Interchange For Administration, Commerce and Transport |
| **EMSFEI** | European Multi-Stakeholder Forum on eInvoicing |
| **e-SENS** | Electronic Simple European Networked Services |
| **FatturaPA** | Public administration electronic invoice framework (FatturaPubblica Amministrazione) |
| **G2G** | Government to Government |
| **INEA** | Innovation and Networks Executive Agency |
| **OASIS** | Organization for the Advancement of Structured Information Standards |
| **PEPPOL** | Pan-European Public Procurement Online |
| **PEPPOL-BIS** | Pan-European Public Procurement Online Business Interoperability Specifications |
| **SDI** | Electronic exchange system in Italy (Sistema Di Interscambio) |
| **UBL** | Universal Business Language |
| **UN/CEFACT** | United Nations Centre for Trade Facilitation and Electronic Business |
| **UNTDID** | UN Trade Data Interchange Directory |
| **URI** | Uniform Resource Identifier |
| **URL** | Uniform Resource Location |
| **URN** | Uniform Resource Name |
| **XML** | Extensible Mark-up Language |

1. Introduction

This document proposes to check if it’s possible to represent the notifications flow between SDI (Interchange System) and the sending party through the Invoice Response Peppol (IR), as defined in BIS Invoice Response 3.0 - OpenPEPPOL AISBL, Post-Award Coordinating CommunityVersion 3.0.0 (last update on 2019 – 07 – 11) available at: https://docs.peppol.eu/poacc/upgrade-3/profiles/63-invoiceresponse/#uc1.

1. Notification flow analysis

In the following table is mapped the transition from the language supported by SDI and the PEPPOL BIS 3 format. The main interest is to translate the notifications affected by the flow from SDI to the transmitting party, the other flows involved do not need to be translated.

There are different **SDI Message**:

* **RC**: delivery receipt;
* **NS**: Notification of rejection;
* **MC**: notification of delivery failure;
* **NE**: notification outcome transmitting party;
* **MT**: Metadata File;
* **EC**: Notification outcome receiving party;
* **SE**: notification of rejection outcome receiving party;
* **DT**: Notification of deadline terms;
* **AT**: Notification of Invoice transmission with impossibility on delivery.

Please note only some of those notifications are actually sent from the SDI to the receiving party, and this document will cover the translation requirements only for those, as the others don’t need to be sent over the Peppol Network.

The **invoice status** can be:

* **AB**: Acknowledged;
* **IP**: In Process;
* **RE**: Rejected;
* **AP**:Accepted.

The **status clarification** can be:

* **NOA**: No Action Required;
* **NIN**: Issue New Invoice;
* **OTH**: Other.

Clarification is mandatory when the status is UQ-Under query, RE - Rejected and CA - Conditionally accepted.  
All the invoice status and status clarification can be found at link above.

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| **SDI message** | **Description SDI message** | **Semantics (the non-mandatory elements are highlighted in blu)** | **Transmitting party** | **Receiving party** | **Invoice Status** | **Status Clarification** | **Clarification detail** | **Comments** |
| RC | Notification sent by SDI to the seller. It certifies the Invoice delivery to the receiver. | * SdI Identification * File name * Receiving Date/TIme * Delivery Date/Time * Receiver\Code * Receiver\Description * Archive References\ SDI identification * Archive References \ File name * Message Id * PEC Message Id * Notes | SDI | SELLER | AB | / | / |  |
| NS | Notification sent by SDI to the transmitting party (seller) when the invoice did not pass the checks. | * SDI identification * File name * Receiving date/time * Archive References\ SDI identification * Archive References \ File name * Error list/Error/Code * Error List /Error/ Description * Message Id * PEC Message Id * Notes | SDI | SELLER | RE | OTH | description |  |
| MC | Notification sent by SDI to the transmitting party (seller) when the delivery to the buyer failed. | SDI identification  File name  Receiving Date/Time  Archive References \ SDI identification  Archive References \ File Name  Description  Message Id  PEC Message Id  Notes | SDI | SELLER | IP | / | / |  |
| NE: (Approved) | Notification sent by SDI to the transmitting party (seller) when the Invoice has been accepted by the Receiving party(buyer), after checking. | SDI identification  File Name  Outcome Receiving party/SDI identification  Outcome Receiving/ Invoice References / Invoice identification  Outcome Receiving/ Invoice References/ Invoice Year  Outcome Receiving/ Invoice References / Invoice Position  Outcome receiving/outcome  Outcome Receiving/Description  Outcome receiving/Message Id Receiving party  Message Id  PEC Message Id  Notes | SDI | SELLER | AP | / | / |  |
| NE:  (Rejected) | Notification sent by SDI to the transmitting party (seller) when the Invoice has been rejected by the Receiving party (buyer), after checking. | SDI identification  File Name  Outcome Receiving party/SDI identification  Outcome Receiving/ Invoice References / Invoice identification  Outcome Receiving/ Invoice References/ Invoice Year  Outcome Receiving/ Invoice References / Invoice Position  Outcome receiving/outcome  Outcome Receiving/Description  Outcome receiving/Message Id Receiving  Message Id  PEC Message Id  Notes | SDI | SELLER | RE | NIN | Reasons for Rejection |  |
| DT: | Notification sent by SDI to both transmitting and receiving party when the terms for sending the outcome receiving party expired. | SDI identification  Invoice references/ Invoice number  Invoice references/ Invoice Year  Invoice references/ Invoice position  File name  Description  Message Id  PEC Message Id  Notes | SDI | SELLER, BUYER | AP | NOA | Deadline terms |  |
| AT: | Notification sent by SDI to the transmitting party (seller) when it wasn’t possible to communicate with the receiving party (buyer). | SDI identification  File name  Receiving Date/Time  Archive References \SDI identification  Archive References \ File name  Receiving party\Code  Receiving party\Description  Message Id  PEC Message Id  Notes  Original File Hash | SDI | SELLER | AP | OTH | Invoice transmission with impossibility on delivery |  |