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European eInvoicing Standard in Italy

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eDelivery gap analysis for “Fattura Elettronica – Il servizio delle Camere di Commercio”

Deliverable D2.11

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Table of contents

[Deliverable Info 4](#_Toc528767712)

[Table of contents 6](#_Toc528767713)

[Glossary 8](#_Toc528767714)

[1. Normative references 9](#_Toc528767715)

[2. Fattura Elettronica – il servizio delle Camere di Commercio 10](#_Toc528767716)

[2.1. System description 10](#_Toc528767717)

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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. Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application.

* EN 16931-1:2017 Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice
* CEN/TS 16931-2:2017 Electronic invoicing - Part 2: List of syntaxes that comply with EN 16931-1
* CEN/TS 16931-3-1:2017 Electronic invoicing - Part 3 - 1: Syntax bindings of the core elements of an electronic invoice - Syntax binding methodology
* CEN/TS 16931-3-2:2017 Electronic invoicing - Part 3 - 2: Syntax bindings of the core elements of an electronic invoice - Binding to ISO/IEC 19845 (UBL 2.1)
* CEN/TS 16931-3-3:2017 Electronic invoicing - Part 3 - 3: Syntax bindings of the core elements of an electronic invoice - Binding to UN/CEFACT XML
* CEN/TS 16931-3-4:2017 Electronic invoicing - Part 3 - 4: Syntax bindings of the core elements of an electronic invoice - Binding to ISO/IEC 9735 (UN/EDIFACT)
* ISO 3166 1, Codes for the representation of names of countries and their subdivisions — Part 1: Country codes
* ISO 4217, Codes for the representation of currencies
* ISO 639 2, Codes for the representation of names of languages
* ISO 8601, Data elements and interchange formats — Information interchange — Representation of dates and times
* ISO 15000-5, Electronic Business Extensible Markup Language (ebXML) — Part 5: Core Components Specification (CCS)
* ISO 6523, Information technology — Structure for the identification of organizations and organization parts
* ISO/IEC 19845, Information technology -- Universal business language version 2.1 (UBL v2.1)

Moreover the following Italian documentation is referenced in this deliverable:

* Schema del file xml FatturaPA versione 1.2 - xsd
* Specifiche tecniche del formato della FatturaPA versione 1.2.1- pdf
* Rappresentazione tabellare del tracciato FatturaPA versione 1.2.1- pdf
* Rappresentazione tabellare del tracciato FatturaPA versione 1.2.1- excel
* Foglio di stile per la visualizzazione della FatturaPA versione 1.2.1 - xslt
* generica Foglio di stile per la visualizzazione della Fattura Ordinaria versione 1.2.1 - xslt
* Elenco modifiche al tracciato FatturaPA - pdf
* Suggerimenti per la compilazione della FatturaPA versione 1.5

1. Fattura Elettronica – il servizio delle Camere di Commercio
   1. System description

The Portal of the Chambers of Commerce needs an Access Point for the management of Cross Border Electronic invoices.

The technological choice adopted by the Chambers of Commerce is to make use of the Open Source Oxalis and Domibus solution.

Currently for this solution is available a stable release compliant to the AS2 standard and a pre-release compliant to the AS4 standard.

For a faster start-up of the transmission system (eDelivery) it is considered necessary to install the Oxalis Access Point version 4.0.2 adhering to the AS2 protocol specification. The migration to the AS4 protocol will be an activity after the publication of a consolidated release of the AS4 plugin made available by the Oxalis and Domibus solution.

In the meantime, we will proceed with the acquisition of Peppol certificates submitting its AS2 Access Point to the Acceptance Test procedure required for the qualification to operate in the Peppol network for AS2 Access Points.

Furthermore, we will install a SMP service even if, in the specific case of the EeISI project, the reference SMP service at national level is made available by IntercentER. This service remains functional in order to carry out the activities necessary for Acceptance Test. The solution for the realization of the SMP is to adopt the open source Phoss solution by Philip Helge.



Figura 1 - Schema soluzione Access Point