



PEPPOL Deliverable D4.1 Standard Basic eOrdering Format and Data Structure



Version 1.2



PEPPOL WP4 2009-07-07



Borderless eProcurement
Let's make it happen!

Table of Contents

1	Preamble	4
1.1	Document Purpose	4
1.2	Structure of the Document	4
1.3	Version, List of Contributors.....	6
2	Background	8
2.1	PEPPOL Project.....	8
2.2	Scope of Work Package 4 – eOrdering	9
2.2.1	Objectives and Goals.....	9
2.2.2	Scope.....	10
2.2.3	Approach.....	11
3	Interoperability Issues in eOrdering	13
3.1	The European Interoperability Framework – EIF	13
3.2	Political Context	14
3.3	Legal Interoperability.....	14
3.4	Organisational Interoperability	15
3.5	Semantic Interoperability.....	15
3.6	Technical Interoperability	16
3.7	Benefits	16
4	Other European Initiatives.....	18
4.1	i2010.....	18
4.2	IDABC	19
5	eOrdering Standardization Approaches	21
5.1	Definition and background	21
5.2	Overview of relevant Standardization Initiatives	22
5.3	ISO	23
5.4	UN/CEFACT.....	24
5.5	OASIS – UBL	24
5.6	NES-UBL.....	25
5.7	CEN/BII	26
5.8	xCBL.....	28
5.9	OAGIS.....	28
6	AS-IS Situation in eOrdering	30
6.1	Country-specific analysis	30
6.1.1	Austria.....	30
6.1.2	Denmark	34
6.1.3	Finland	36
6.1.4	Hungary	38
6.1.5	Italy	41
6.1.6	Norway.....	44
6.2	Requirements.....	47
6.2.1	Legal Interoperability	47
6.2.2	Organizational Interoperability	47
6.2.3	Semantic Interoperability	48
6.2.4	Technical Interoperability.....	49
7	eOrdering Specifications and Pilot Approach.....	50
7.1	Legal issues	50
7.2	Organisational.....	50
7.3	Semantics & Syntax	51
7.3.1	NES-UBL	51

7.3.2	CEN-BII	61
7.3.3	Profile 3: Basic Order.....	62
7.3.4	Profile 6: Basic Procurement	65
7.4	Technical (Transport Infrastructure).....	72
7.4.1	Interoperability Issues.....	72
7.4.2	Pilot Approach.....	72
8	References	74
9	Annex	76
9.1	As-is Situation in other European Countries	76
9.1.1	Belgium	76
9.1.2	France.....	76
9.1.3	Spain.....	77
9.1.4	UK	78
9.2	IDABC e-Invoicing and e-Ordering project.....	79
9.2.1	Objectives	79
9.2.2	Rationale.....	80
9.2.3	Scope	80
9.2.4	Technical functionalities and approach	81
9.2.5	Potential beneficiaries.....	83
9.2.6	Financial sustainability.....	84

Pending EC approval

8 References

Brite Project – Homepage

<http://www.briteproject.net/>

CEN ISSS WS BII (Workshop on “Business Interoperability Interfaces on public procurement in Europe) – Homepage

<http://www.ds.dk/en-GB/Sectors/ICT/Bii/Sider/default.aspx>

CEN ISSS WS BII, BII profile architecture. Unpublished document from the CEN/BII working group
<https://sharepointsite.cenbii.eu/WG1>

CEN ISSS WS BII, BII profile 03 - Basic order wd3. Unpublished document from the CEN/BII working group

<https://sharepointsite.cenbii.eu/WG1>

CEN ISSS WS BII, BII profile 06 – Basic procurement wd03. Unpublished document from the CEN/BII working group.

<https://sharepointsite.cenbii.eu/WG1>

European Business Register – Homepage

<http://www.ebr.org/>

European Commission, 2004, Action plan for the implementation of the legal framework for electronic public procurement

http://ec.europa.eu/internal_market/publicprocurement/docs/eprocurement/actionplan/actionplan_en.pdf

European Commission, 2009, Analysis of Business Requirements for e-Invoicing in a Public Procurement Context

<http://ec.europa.eu/idabc/servlets/Doc?id=32108>

European Commission, 2005, i2010 - A European Information Society for growth and employment

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2005:0229:FIN:EN:PDF>

European Commission, 2006, i2010 eGovernment Action Plan: Accelerating eGovernment in Europe for the Benefit of All

<http://ec.europa.eu/idabc/servlets/Doc?id=25286>

European Commission, IDABC, 2008, Draft document as basis for EIF 2.0

<http://ec.europa.eu/idabc/servlets/Doc?id=31597>

European Commission, IDABC – Homepage

<http://ec.europa.eu/idabc/en/chapter/5883>

European Commission, 2005, IDABC Semantic Interoperability Strategy: The European XML Clearinghouse Feasibility Study

<http://ec.europa.eu/idabc/servlets/Doc?id=24406>

European Commission, 2009, IDABC Work Programme Sixth Revision, Section 1, Projects of common interest, Horizontal measures

<http://ec.europa.eu/idabc/servlets/Doc?id=32115>

European Commission, Competitiveness and Innovation Programme - Homepage
http://ec.europa.eu/cip/index_en.htm

European Commission, ICT Policy Support Programme – Homepage
http://ec.europa.eu/information_society/activities/ict_psp/index_en.htm

Northern European Subset – Homepage
<http://www.nesubl.eu/>

PEPPOL Project - Homepage
<http://www.peppol.eu>

PEPPOL Project WP 8, 2008, The PEPPOL e-business transport infrastructure (PEDRI) v0.7
http://docs.google.com/Doc?id=dg8mxnjx_0dck65kgx

Universal Business Language – Homepage
http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ubl

World Standards Services Network - Homepage
<http://www.wssn.net/>

Pending EC approval