



# Electronic Business Documents

## UBL v2.1

### Building on the Foundation

**UBL International 2014**

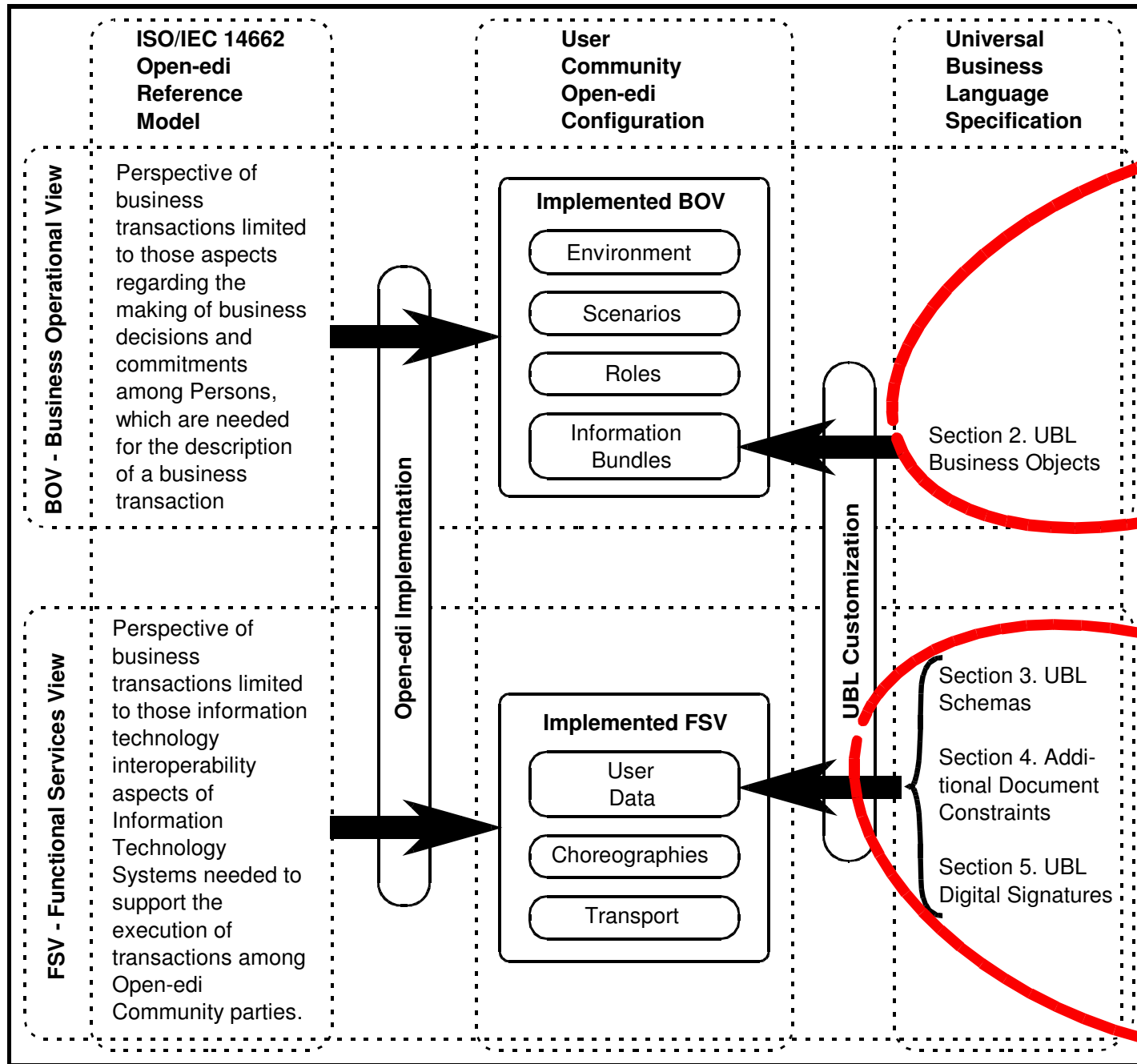
*Stockholm, Sweden - December 2, 2014*





# Innovative Uses of UBL Today

- sourcing, procurement, replenishment
  - pre-award and post-award tendering, catalogues
  - ordering, invoicing, freight billing, utility billing
  - vendor-managed inventory
- transportation
  - international and intermodal freight management
  - freight status and origin of goods
- case studies today in both areas of application
  - 5 presentations – 15 minutes each



**Semantics  
(meaning)**

Section 2. UBL Business Objects

Section 3. UBL Schemas

Section 4. Additional Document Constraints

Section 5. UBL Digital Signatures

**Syntax  
(format)**

## ISO/IEC 15944-20 Linking BOV to FSV



## What UBL 2.1 provides

- each of the 65 types has summary links in the UBL 2.1 specification (hub document)

### 3.1.30 Invoice

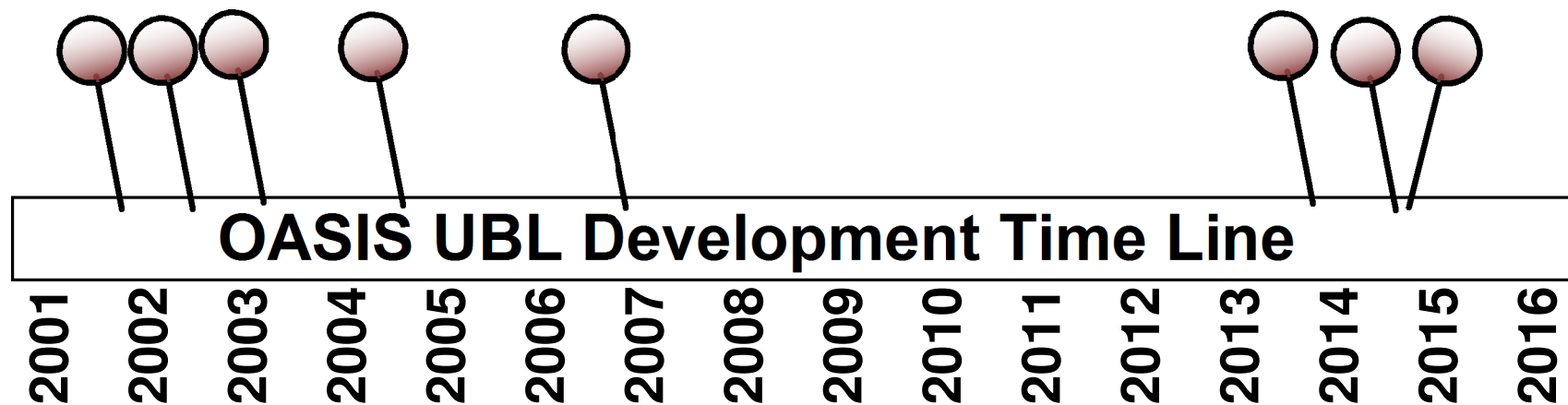
Description: A document used to request payment.

Processes involved	<a href="#">Billing</a>
Submitter role	Supplier Accounting Party
Receiver role	Customer Accounting Party
Normative schema	<a href="#">xsd/maindoc/UBL-Invoice-2.1.xsd</a>
Runtime schema	<a href="#">xsdrt/maindoc/UBL-Invoice-2.1.xsd</a>
RELAX NG schema	<a href="#">rnc/versions/UBL-Invoice-2.1.rnc</a>
Document model (ODF)	<a href="#">mod/maindoc/UBL-Invoice-2.1.ods</a>
Document model (Excel)	<a href="#">mod/maindoc/UBL-Invoice-2.1.xls</a>
Document model (UML)	<a href="#">uml/UBL-Invoice-2.1.html</a>
Summary report	<a href="#">mod/summary/reports/UBL-Invoice-2.1.html</a>
UBL 2.0 example instance	<a href="#">xml/UBL-Invoice-2.0-Example.xml</a>
UBL 2.1 example instance	<a href="#">xml/UBL-Invoice-2.1-Example.xml</a>



## UBL standardization timeline

- 2001 – inception of the UBL committee with the contribution of xCBL XML
- 2002 – redesign using ISO/IEC 15000-5 Core Component Technical Specification
- 2003-01-27 – UBL 0.7 released
- 2004-09-15 – UBL 1.0 released
- 2006-12-12 – UBL 2.0 released
- 2013-11-04 – UBL 2.1 released (improved implementation of ISO/IEC 15000-5)
- 2014-09-05 – ISO/IEC 19845 “UBL v2.1” passes DIS ballot
- 2014-10-31 – European Commission designates UBL 2.1 as referable standard





# Finding UBL

- <http://ubl.xml.org>
  - community web site
- <http://www.oasis-open.org/committees/ubl>
  - committee web site
- <http://docs.oasis-open.org/ubl>
  - committee repository