



UNeDocs

Relationship with Other International Standards & Implementation Roadmap

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According to wikipedia:



de facto

UN/
EDIFACT

UNCEFACT

interoperability

Core
Component
Library

UNeDocs
😊

OASIS

‘An international standard is a universally agreed upon set of guidelines for interoperability’

ebMS

de jure

consensus

Dec 2007

ISO

OMG

UML

W3C

XML

ebXML

plurality



Why International Standards

- Stable, Reliable, Trustable
- Global Development Process, Ratification & Applicability
- Long Term - Maintained, Quality Assured
- Compliance offers increased Efficiencies and Reduced Costs

ISO + UN/CEFACT + OASIS + W3C

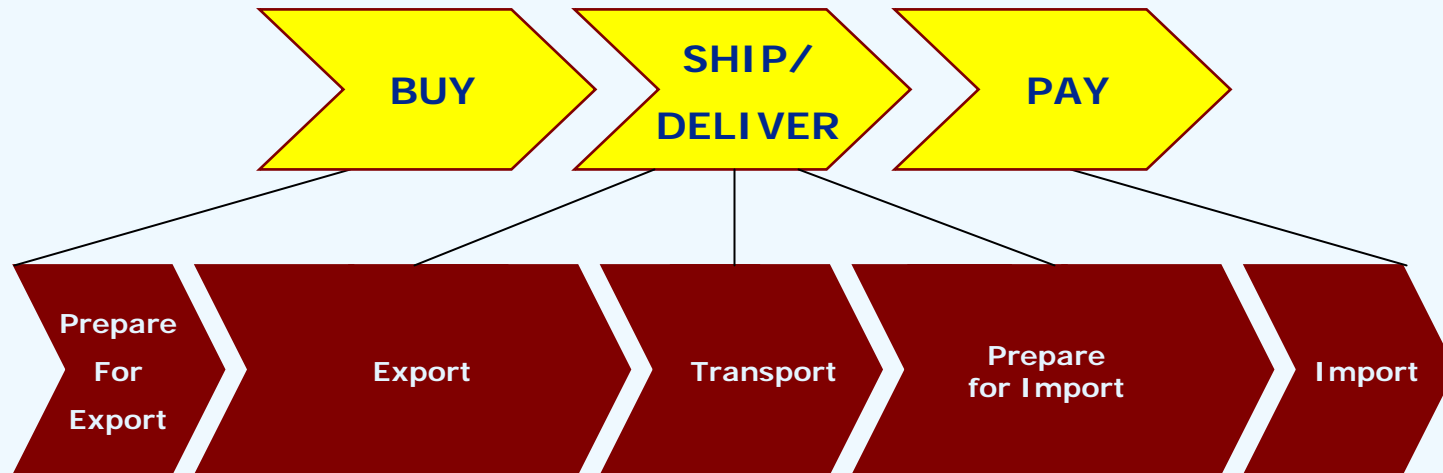
Providing trade facilitation through semantic interoperability and eBusiness

UNCEFACT Standards Foundation



- UNCEFACT Trade Reference Model for the International Purchase and Supply Chain
- UNCEFACT Core Component Library
- United Nations Trade Data Elements Directory (UNTDED – ISO 7372)
- UNCEFACT Code Lists
- United Nations Layout Key (UNLK – UNECE Rec. 1)
- UN/EDIFACT Directory & UN/EDIFACT Syntax (ISO 9735)
- UNCEFACT Core Components Technical Specification (CCTS) (=ebXML Part 8 and ISO TS15000-5)
- UNCEFACT Modelling Methodology – UMM based on UML
- UNCEFACT XML Naming and Design Rules for W3C XML

UNCEFACT UMM International Supply Chain Business Process Model



INVOLVING

Commercial Procedures

- Establish Sales Contract
- Order Goods or Services
 - Advise On Delivery
- Request Payment



Transport Procedures

- Establish Transport Contract
- Collect, Move and Deliver Goods
- Provide Waybills, Goods Receipts Status Reports etc.



Regulatory Procedures

- Obtain Import/Export Licences etc
- Provide Customs Declarations
- Provide Cargo Declaration
- Apply Trade Security Procedures
- Clear Goods for Export/Import



Financial Procedures

- Provide Credit Rating
- Provide Insurance
- Provide Credit
- Execute Payment
- Issue Statements

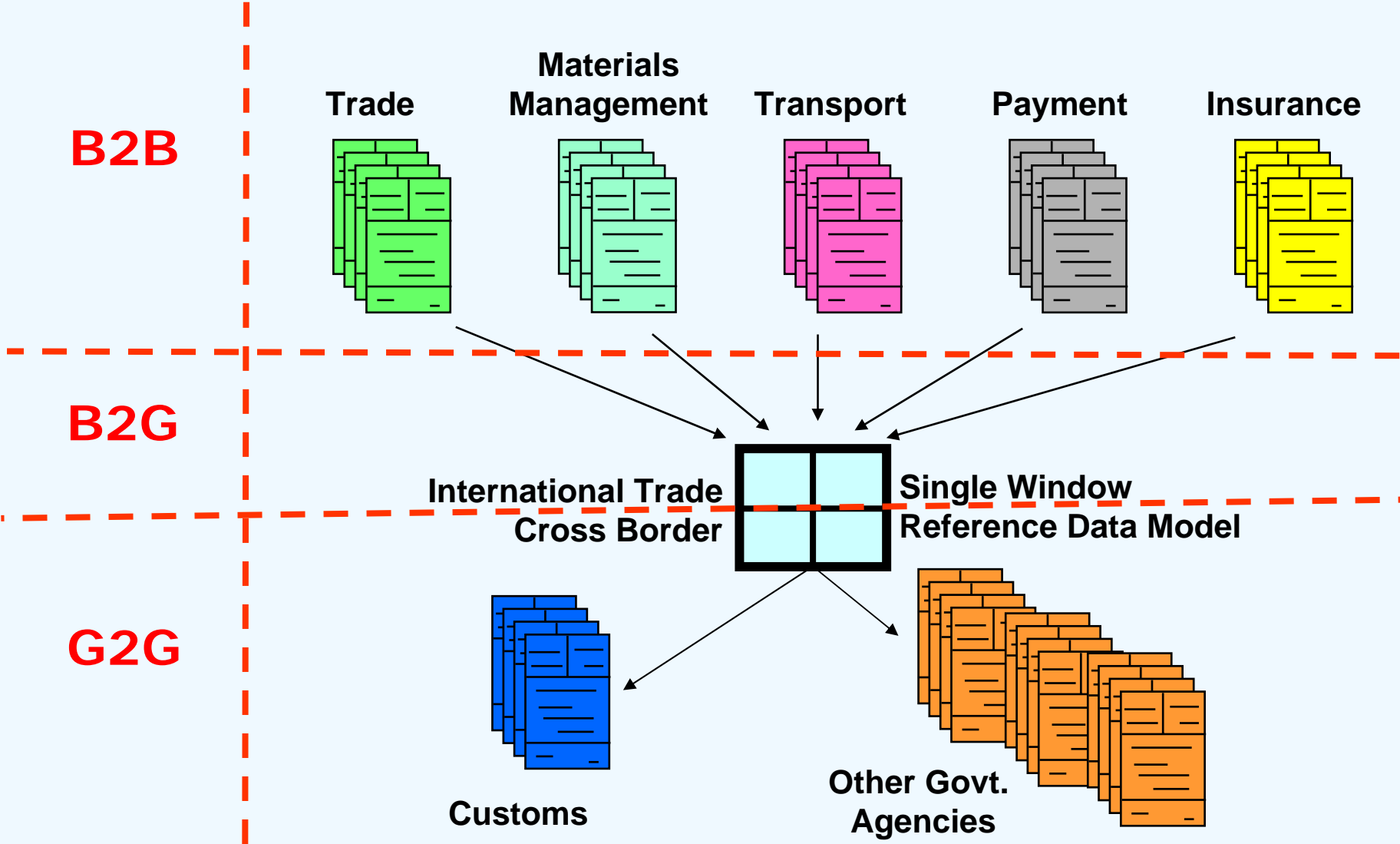


The UNeDocs Data Framework



- Focus for cross-border, cross domain, multimodal data harmonisation
- The standardization umbrella for convention and regulation stakeholders
- Provides the basis and methodology for regional, national etc. applications
- Describing your reality including best practice, applicable conventions and regulations
- Supporting:
 - Migration between paper and electronic data exchanges
 - Global Trade Single Window Implementations
 - Movement towards greater semantic interoperability

Global Trade Single Window



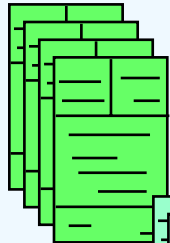
UNLK – UN/ECE Rec. 1

The unsung Global Hero



- First published 1973
- Flexible aligned data presentation which has become the de facto standard for the majority of international trade documents
- Application methodology for defining national, regional and industry specific document layouts
- Foundation for International transport conventions e.g. Maritime B/L (ICS), Airwaybill (IATA), Road CMR (IRU), Rail CIM (UIC) etc.
- Foundation of Customs and other Regulatory Procedures e.g. SAD, Phyto-Sanitary Certificates, Cert of Origins etc.
- Thousands of document formats based on UNLK across trade, transport, finance, customs, insurance, inspection etc.

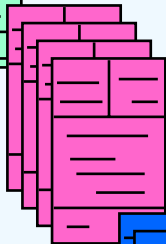
UNLK Form Families



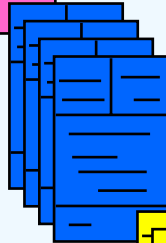
Trade Documents – Quotation, Order, Invoice etc.



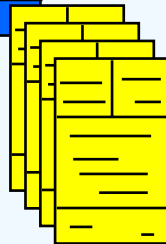
Materials Management Documents – Despatch Advice, Pick List, Packing List etc.



Transport Documents – Bill of Lading, Shipping Instructions etc.



Customs Documents – Export, Import, Transit Declarations, Cargo Reports etc.



Other Regulatory Documents – Cert of Origin, DGN etc.

UN Trade Data Element Directory

UNTDDED – ISO 7372



B2		= Document. Type Name.Text		
A	B	C	D	E
UID	ISO7372 TDED Name	Definition	TDED repr.	Locations, Bridges
1				
2	1000 Document. Type Name.Text	Free text name of a document such as 352 for Proforma invoice, 380 for Commercial invoice.	an..35	UNLK: L 02, P 45-80 MAR: IMO/FAL 1-7
3	1001 Document. Type.Code	Code specifying the name of a document such as 352 for Proforma invoice, 380 for Commercial invoice.	an..3	UNLK: L 04, P 41-45 CIMP: (120): a1 SAD: (SAD 1(first to third subdivision))
4	1099 Transport Means. Stay.Identifier	Identifier of the stay of a means of transport in a port or airport	an..35	
5	4219 Transport Service. Priority.Code	Code specifying the priority of a transport service.	an..3	CIMP: (704):a1
6	5068 Invoice. Line Item. Amount	Total sum charged with respect to a single line item of an invoice.	n..18	UNLK: L 56, P 63-80
7	5070 Consignment. For Customs Total.Amount	Total amount for customs purposes of all goods in a consignment, whether or not they are subject to the same customs procedure, and have the same tariff/statistical heading, country information and duty regime	n..18	AWB: L 24, P 71-81 CIMP: (509):n..12, or the letters 'NCV'
8	6094 Consolidation. Package.Quantity	Count of the total number of packages in all of the consignments referred to as one consolidation.	n..16	
9	6292 Goods Item. Gross Weight.Measure	Weight (mass) of goods including packaging but excluding the carrier's equipment.	n..14	AWB: L 33-44, P 13-19 CIM: L 28-33, P 63-74 (CIM 26) CIMP: (600):n..7 CMR: L 28-42, P 63-71 (CMR 11) SAD: (SAD 35) UNLK: L 28-52, P 63-74
10				

UN Layout Mapping Example



UN 3055 0902

EXPORT CARGO SHIPPING INSTRUCTIONS

Approved for B/LA

A Exporter/shipper VAT no. Booking number Customs reference
 Exporter's reference
 Forwarder's reference

B Consignee VAT no. **D** Other address VAT no.

C Freight forwarder VAT no. If required, this space may be used for other addresses, e.g. home, place of acceptance/delivery, additional consignment parts.
 Country of origin of goods Country of final destination

Other UN transport details **E** If required, this space may be used for other addresses or other information

Vessel/light no. and date Place of port of loading

Participations of discharge Place of delivery Please refer to: Unless otherwise instructed cargo will be for UN classes "C" and will be changed to A

Shipping marks, container number	Number and description of packages	Item No.	Commodity code	Quantity 2	Gross weight (kg)	Cube (m ³)	Procedure	Net weight (kg)	Value(€)	Summary declaration/previous document

DANGEROUS GOODS: See part 4 of Regulations for instructions and details. Please indicate hazard class, UN No. (Transporting only).

Identification of residues

FREIGHT Freight charges depend on: Track Terms Invoice price
 Freight to Special instructions Total gross weight Total Cube (m³)

DOCUMENTATION Indicate services required, and to whom charges should be debited by entering A, B, C, D, E in check-box
 Dispatch or port charges at destination
 Consignment at destination
 Ocean Freight Payable at

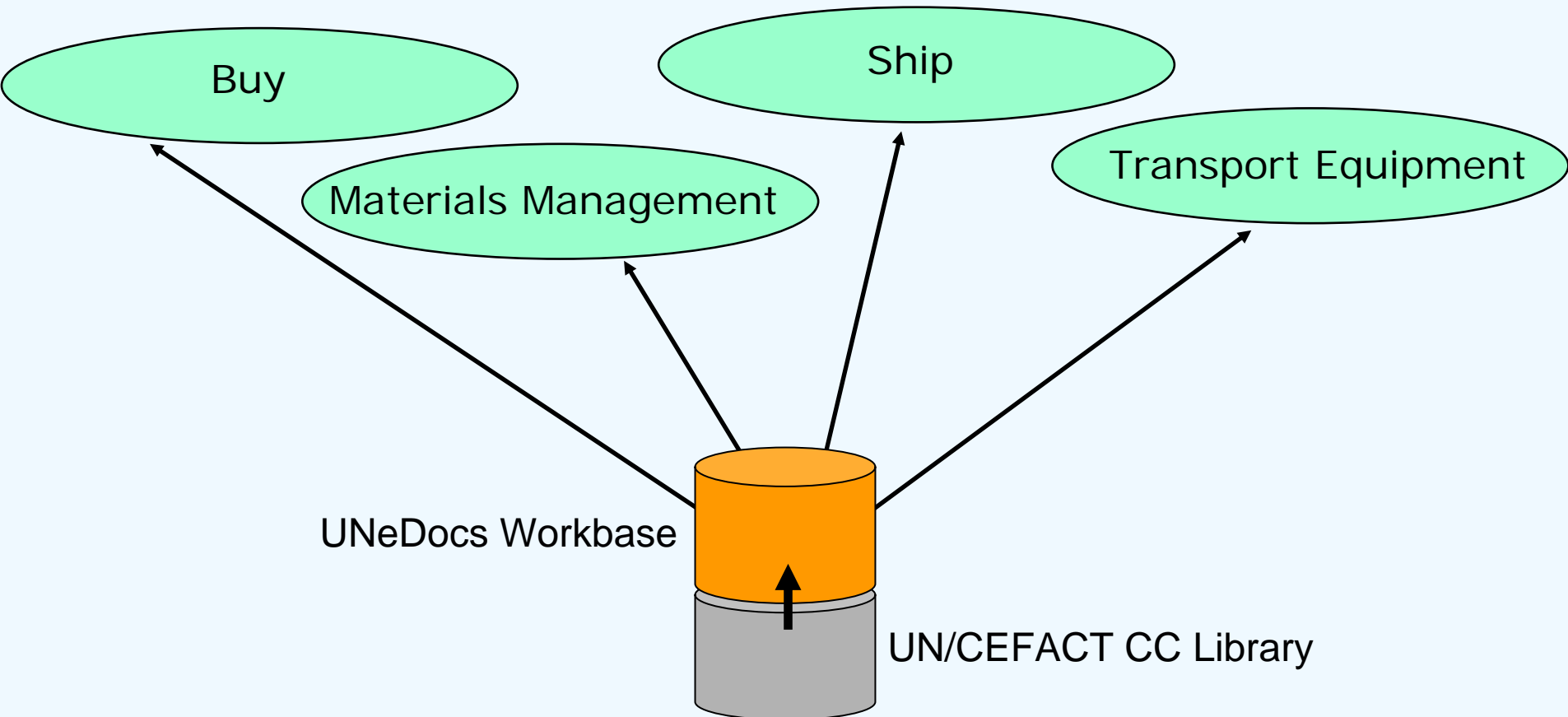
STATUS Date: 11/20/04 or 12/04 (as applicable) Indicate who paid amount of DCP
 Make any discounts indicated and dispose of as follows

No. of bills of lading issued: Original Copy Date
 User hereby declares that he/she has read and agrees to these published Regulations and Conditions, including those as to liability.

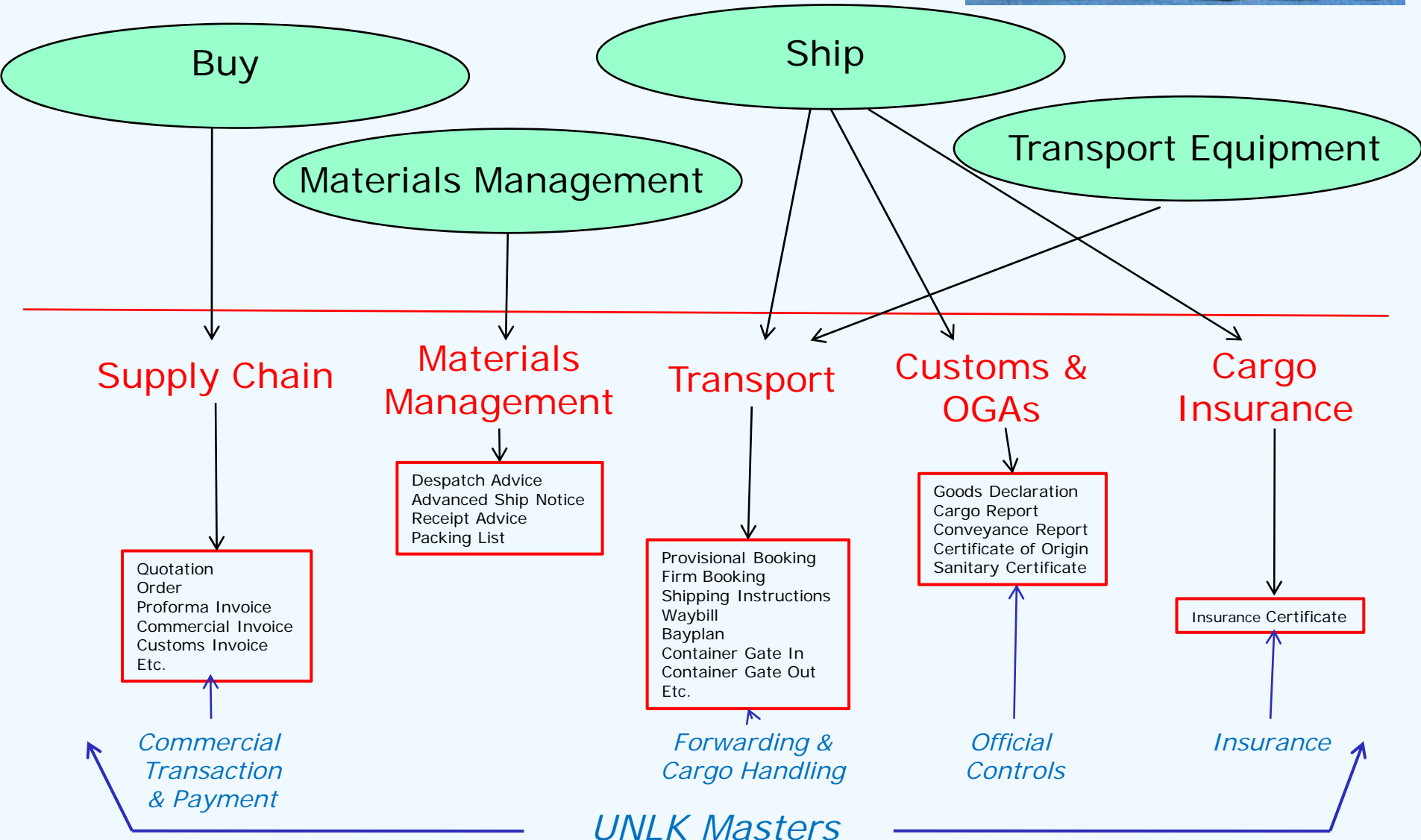
SITPRO License No. 000

UID 2280
Name Transport Means. Actual Departure. Date Time
Definition Date and or time of the departure of means of transport
Synonym Flight Date, Sailing Date
Repr. an..17
Mapping UNLK: L 17, P 16

UNeDocs Reuses the Core Component Library



UNeDocs Document Families & Relationships to the UNLK Masters

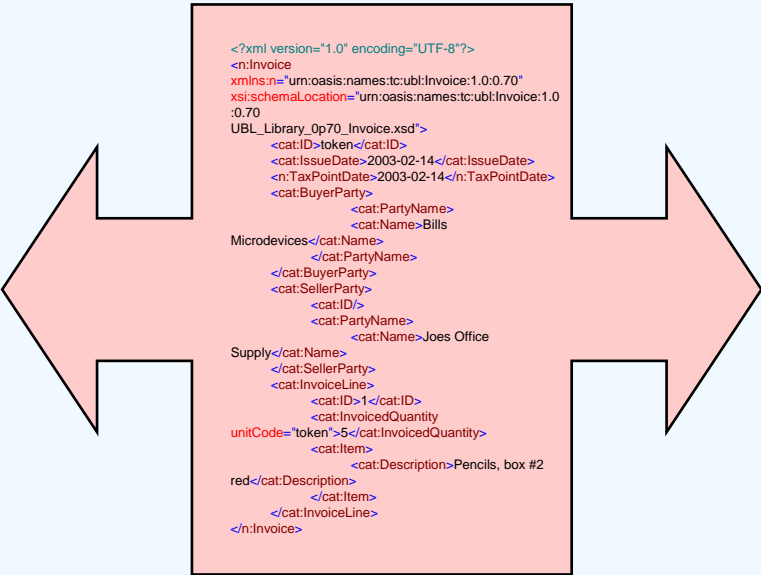


Standards for Migration



EXPORT CARGO SHIPPING INSTRUCTIONS		CUSTOMER INFORMATION	
A Exporter/Shipper	UAT no.	Booking number	Export reference
B Consignee	UAT no.	Forwarder's reference	Forwarder's reference
C Freight forwarder	UAT no.	Remarks: This space may be used for other addresses, e.g. home, place of residence before, without restrictions.	
Origin of origin of goods		Country of final destination	
E If prepaid this space may be used for other addresses or other information			
Weight/height and date	Port of origin	Place of delivery	Place of receipt
Participation of discharge	Place of delivery	Place of receipt	Office of electronic document used with the UAT (column "A" and "C" in UAT part 4)
Shipping marks container number	Number and kind of packages description of goods	No.	Unit
		Quantity 1	Gross weight (kg) Cube (m ³)
		Quantity 2	Gross weight (kg) Cube (m ³)
		Quantity 3	Gross weight (kg) Cube (m ³)
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		Quantity 98	Gross weight (kg) Cube (m ³)
		Quantity 99	Gross weight (kg) Cube (m ³)
		Quantity 100	Gross weight (kg) Cube (m ³)

Electronic Document Exchange XML or UN/EDIFACT



FIATA Freight Forwarding Instructions		G.01/01/05 2004 (ED version: 0.4, Form version: 0.4)	
Complétez : UK Logistics mbH Burgstrasse 13 DE-D-65115 Heidesberg Germany ID: 323 / 9		Consignor reference number: 50-0599-22	
Complétez : BB and Co 22 Rue de la Land FR-38000 Paris France ID: CD - 3 / 84784 Tax Ref: 552-848 Contact: Philippe Yves M TEL: +33450012154		Freight forwarder: Strasse Transport Limited 89 Blvd de confédération CH-8605 Zurich Switzerland ID: FIATA ER-2464/234	
Francis Wli 25, rue de la chaux-de FR-3869452 Arancny France		Country of origin DE	Documentary credit reference AET-10869 2003-10-20
Goods ready for shipment Place: DEHEI Heidesberg Date: 2004-10-28		Conditions of sale Code Not applicable now	
Mode of transport Rail		Transport insurance Covered by Consignee	Insurance conditions Freight: Prepaid Currency and value entered 20.000 - CHF
Place of destination: FRPAR Paris			
Trade and numbers 1 ADILMA Trading NR. 1-6 Order U-535/1	No and type of packages 6 Cases	Description of goods Cylinder-Press Completely Assembled	Commodity code 91452224
	Gross weight 325 KG	Cube 350 MTQ	

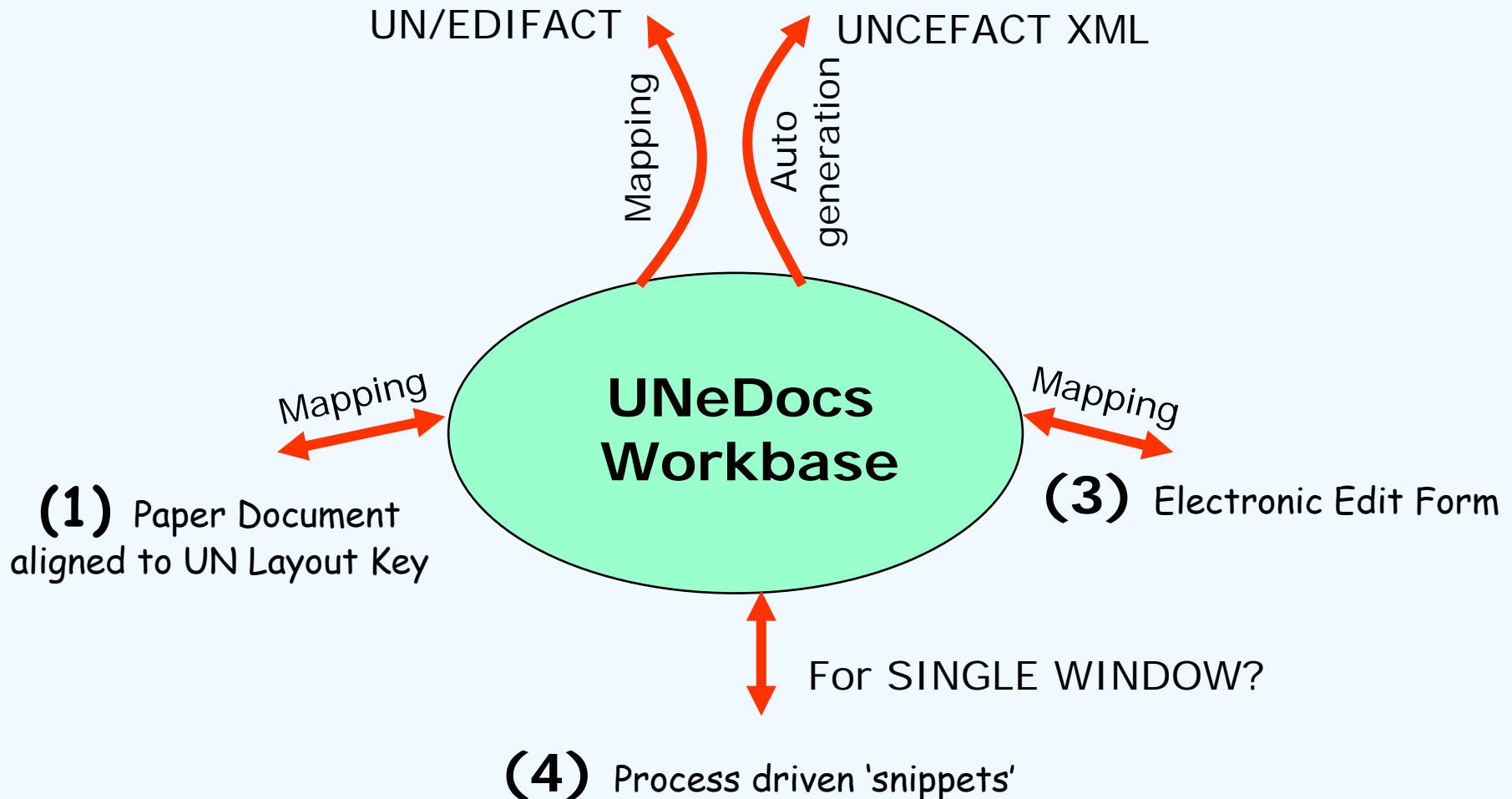
Electronic Edit Form

Paper Document aligned to UN Layout Key

Holistic Standards Approach



(2) Electronic Document Exchange





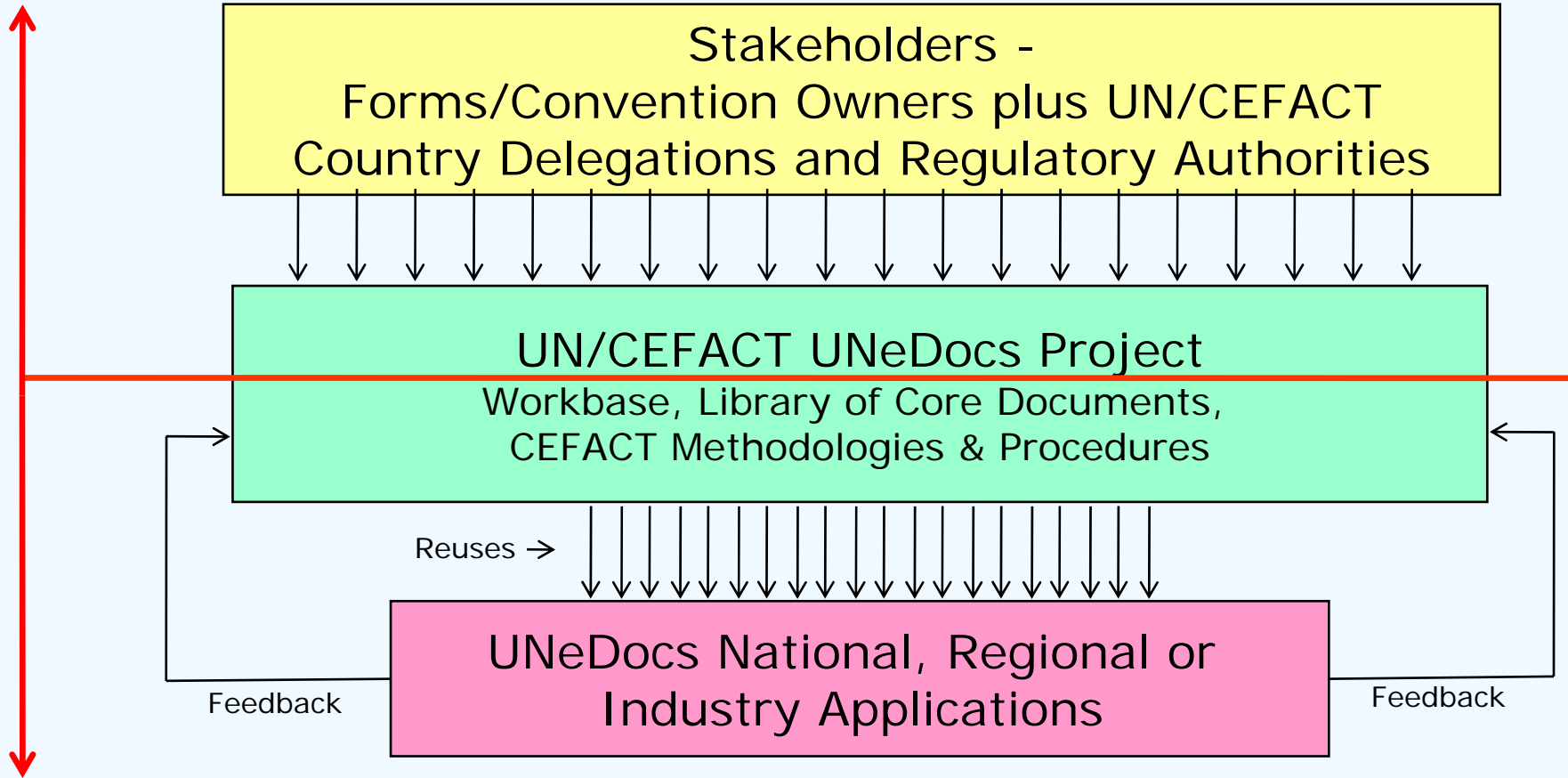
Implementation Roadmap

The Application of UNeDocs
to develop refined document
assemblies to meet the specific
requirements of a Country,
Region or Industry

Application v Standardisation



Standardisation



Application

Summary – UNeDocs Application



- Gather documentary and process requirements
- Reference the UNeDocs Document Family Library and any relevant published contextualised applications
- Decide which is the best basis for you
- Refine as necessary
- Feedback to UNeDocs any newly identified requirements

Contacts



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