United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT)

LEVERAGING STANDARDS AND TRADE FACILITATION FOR MSMEs’ DEVELOPMENT

STAKEHOLDER CONSULTATIVE WORKSHOP
30 November 2021

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Objectives

Simple, transparent and effective processes for global business;
Efficient and automated exchange of information

Key Tools

- Global trade facilitation recommendations
- eBusiness standards
- Guidelines
- Libraries and Directories

Means

Public-Private Partnership – over 1500 experts;
Meet virtually practically every weeks

Semantic Hub for Standardization

Buy

- Establish sales contract
- Order goods
- Advise on delivery
- Request payment

Ship

- Establish transport contract
- Collect, transport and deliver goods
- Provide waybills, Goods receipts, etc.

Pay

- Obtain im/export licenses etc.
- Provide customs declarations
- Provide cargo declarations
- Apply security measures
- Clear goods

Global Scope

- Provide credit rating
- Insurance
- Execute payment
- Issue statements
One link in a global supply chain
Importance of semantics

• Most dematerialization projects are only looking at one sectoral view (or one modal view)
  • Almost all sectoral views are just one part of a global supply chain
  • The international supply chain is very complex (multiple actors and multiple relations in data exchanges) and almost always multimodal

• A holistic view and approach are needed
  • Information will not be related purely to goods or purely to transport or purely to regulatory…
  • There are clear links between the information in each part of the global supply chain
Standards development through collaboration
Reuse of UN/CEFACT semantics
E-commerce platforms

Definition of e-commerce: online-initiation; cross-border transaction/shipment; and destined to consumers (commercial and non-commercial)

E-commerce platform offering integrated services to help MSMEs access international markets

A type of Single Submission Portal (SSP)

Puts forward the advantages of MSMEs as specialized actors

Can offer the force of multinational groups by pooling together resources

E-commerce platform offering integrated services to help MSMEs access international markets

ISMIT = Integrated Services for MSMEs for International Trade
Reference Data Models (RDM)

IATA standards

WCO standards

Bill of Lading
Trace & Track
Despatch Advice
Rail Consignment Note
Packing Instruction
Air Waybill
Transit & TIR
Container Operations
Forwarding Instruction
CMR & Road Consignment

Warehouse Receipt
Cargo Report
Dangerous Goods Dec
Flight Manifest
Pre-Arrival Security Dec.
Delivery Note
Arrival Notice

IATA standards

WCO standards

Invoice
Offer
Catalogue
Quotation
Remittance
Delivery
Scheduling

Supply Chain RDM

MMT-RDM

UN/CEFACT Core Component Library
Semantic hub of data for electronic exchanges

- Buy/Ship/Pay (BSP) RDM
  - SC RDM: Cross Industry Supply Chain View
  - MMT RDM: Multi Modal Transport View
  - CBM RDM: Cross-Border Management View
  - SDCE RDM: Sustainable Development & Circular Economy View
Making knowledge available
Some UN/CEFACT work

**SINGLE WINDOW**
UN/CEFACT developed the first guidance on Single Window and that definition has been used as the basis for all subsequent work. Our guidance covers implementation, data, legal, interoperability.

**DOCUMENT LAYOUT**
Since the 1960s UN/CEFACT and its predecessors have provided standards for the standardization of the layout of trade documents. The UN Layout Key is the basis of almost all cross border trade documents.

**eINVOICING**
The UN/CEFACT Cross-Industry Invoice has been chosen as one of the obligatory formats for all public procurement for certain countries and its use will facilitate cross border exchanges.

**PROCESS DRIVEN**
Traditional electronic messages reflect their original paper documents rather than supporting modern process collaborations such as blockchain. UN/CEFACT is leading the path in this new approach.

**UN/EDIFACT**
The first global electronic data interchange format, UN/EDIFACT is still today the most important centrally developed and maintained EDI standard covering transport, regulatory, supply chain and more.

**NTFB (National Trade Facilitation Bodies)**
Trade facilitation is not just the domain of the public sector. To be truly effective, private sector concerns and input must be fully considered. This is reflected in UN/CEFACT Recommendations 4 & 49.

**TOURISM**
Improving tourism capabilities at a local level helps to improve lives and economies. UN/CEFACT develops and maintains a series of messages designed to enable small scale lodgings to enter markets.

**SUSTAINABLE FISHERY**
The UN/CEFACT FLUX messages are used in more and more countries to declare fish catches, conformity to regulations & port entries. Their use allow cross-border communication of the information seamlessly.

**eSPS CERTIFICATES**
Sanitary and Phytosanitary certificates are a regular part of imports and exports. The UN/CEFACT eCert is used to communicate these in international trade.
Some of our Trade Facilitation Recommendations

• Rec1 – UN Layout Key for Trade Documents
• Rec4 – National Trade Facilitation Bodies
• Rec14 – Authentication of Trade Documents
• Rec16 – UN/LOCODE Code for Trade and Transport Locations (recently revised)
• Rec18 – Facilitation Measures Related to International Trade Procedures
• Rec25 – Use of the UN Electronic Data Interchange for Administration, Commerce and Transport Standard (UN/EDIFACT)
• Rec27 – Preshipment Inspection
• Rec33 – Single Window Recommendation (recently revised)
• Rec34 – Data Simplification and Standardization for International Trade
• Rec36 – Single Window Interoperability
• Rec37 – Single Submission Portals
• Rec38 – Trade Information Portals (recently approved)
• Rec41 – Public Private Partnerships in Trade Facilitation
• Rec42 – Trade and Transport Facilitation Monitoring Mechanism
Some of our Trade Facilitation White Papers

- White Paper on Paperless Trade
- White Paper Overview of Blockchain for Trade
- White Paper on Technical Application of Blockchain to UN/CEFACT Deliverables
- White Paper on Smart Containers
- White Paper on Women in Trade Facilitation
- White Paper on Data Pipeline Concept for Improving Data Quality in the Supply Chain
- Technical Note on Terminology for Single Window and other electronic platforms
- White Paper on Reference Data Model
UN/CEFACT Streamlined Standards

Supply Chain Management

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<th>Cross Industry Reference Data Model (SCRM)</th>
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• All experts are welcome to join the work of UN/CEFACT after registration:
  • https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+Registration

• All deliverables of UN/CEFACT are available free of charge on our website
  • https://unece.org/trade/uncefact

• All UN Member States are welcome to participate in the approval process
Thank you