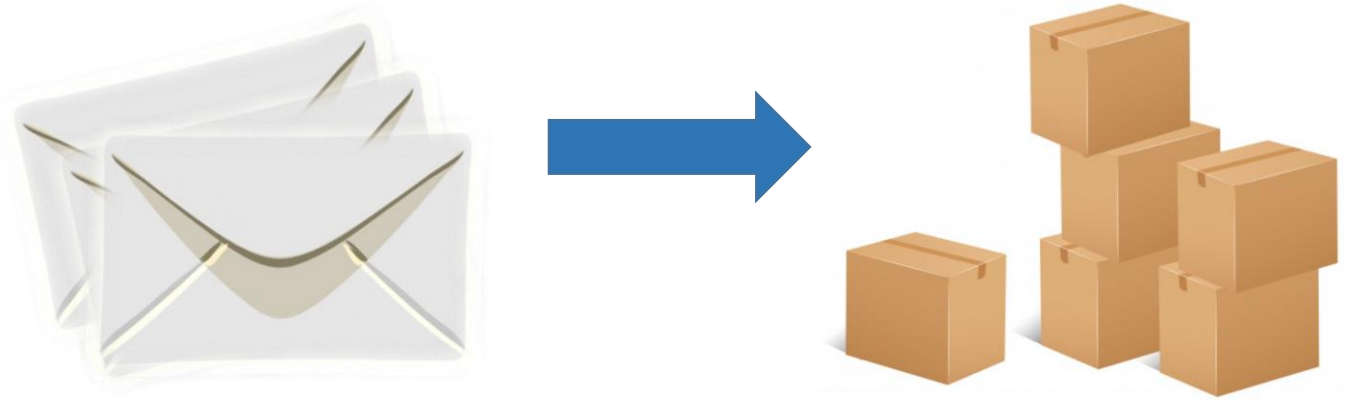
UNIVERSAL POSTAL UNION

# 2021 WCO TECH-CON

*Session V – Improving interoperability with data standardization and harmonization*

# E-Commerce and Postal Operators

## Overall global ecommerce trends in the postal industry

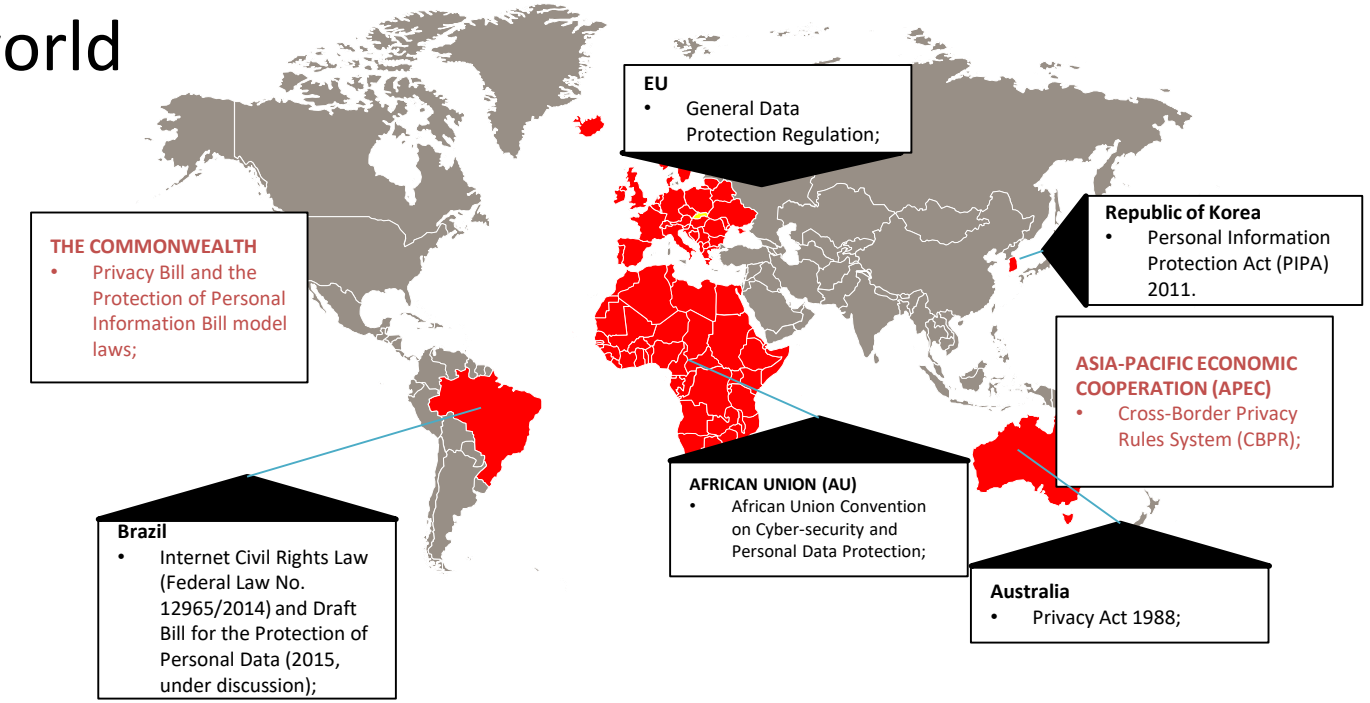


Paper-based clearance → Data-driven processes

# Data driven reality

- **New digital reality**
  - Today's world is a data driven world

- **Key issues:**
  - Postal data
  - Data flows and systems
  - Protecting data
  - Data Sharing Agreements (DSA)
  - Legal demands
  - Social requirements (protecting customers & partners)



# Evolving Regulatory Landscape
# Electronic Advance Data Requirements

**New legislation**

US - Stop Act - 70% of all incoming items containing goods by 31 Dec 2018 and 100% by 1 Jan 2021
Changes to UPU Regulations (article 8)
EU - ICS2 , ...

**S9/S10 linking**

S9/S10 linking (nested PREDES) will be required for all items (including non-tracked letter-post items containing goods)

**Mandatory ITMATT**

Mandatory ITMATT for all postal items containing goods

**PLACI - ICS-2 R1 (pre-departure)**

EU Post at destination. Pre-loading item-receptacle level info needed for ICS2 (flows 1–7 of EAD model – pre-departure data sent by the origin Post, and relayed to ICS-2 by EU Post at destination

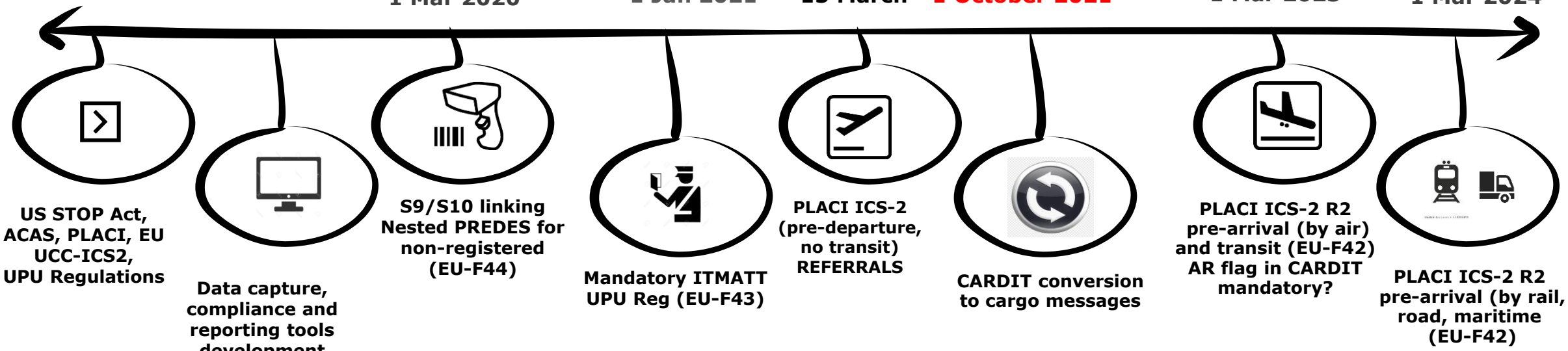
**CARDIT conversion**

CARDIT message must be converted to the cargo message XFWB and XFHL before filing to the Customs (F42) from 2023

**PLACI - ICS-2 R2 (pre-arrival)**

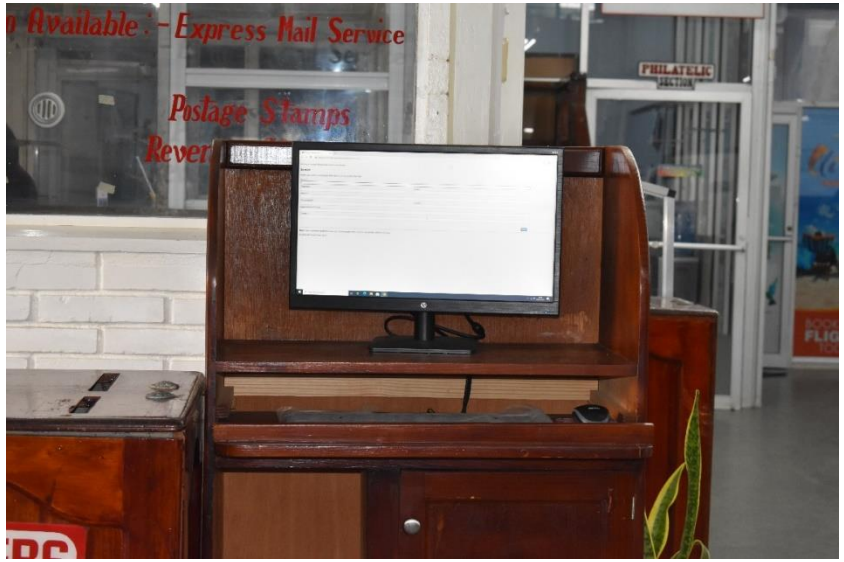
Pre-arrival consignment level, for ICS2 from 2023 afor air mail and from 2024 for rail, maritime and road (flow 8 of EAD model – pre-arrival data sent by carriers)

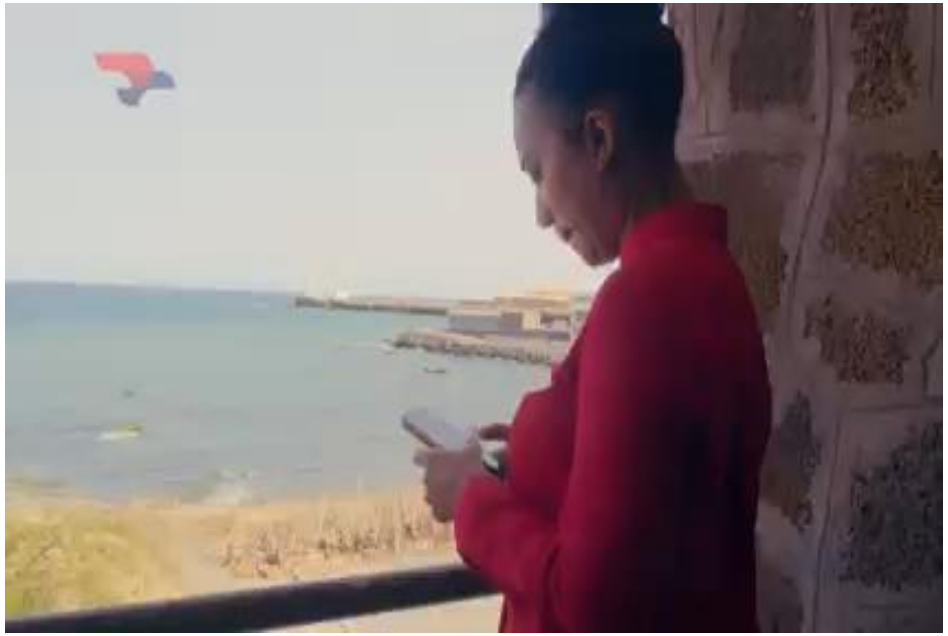
**Today, S10, ITMATT, S9-S10 (PREDES), CN22/CN23/CP72**




**2021: ITMATT, PREDES, ITMREF-REFRSP, 2021->2023 : CARDIT AR FLAG, PAPERLESS TRANSPORT**

# EAD implementation : Success stories
# Citizens & Posts need time





# WCO-UPU Tools and Instruments

WCO–UPU guidelines on data capture and compliance with the CN 22/23 (flow zero)

WCO–UPU Postal Customs Guide

**UPU Country-specific Prohibitions List**

**WCO-UPU Postal Customs Guide**

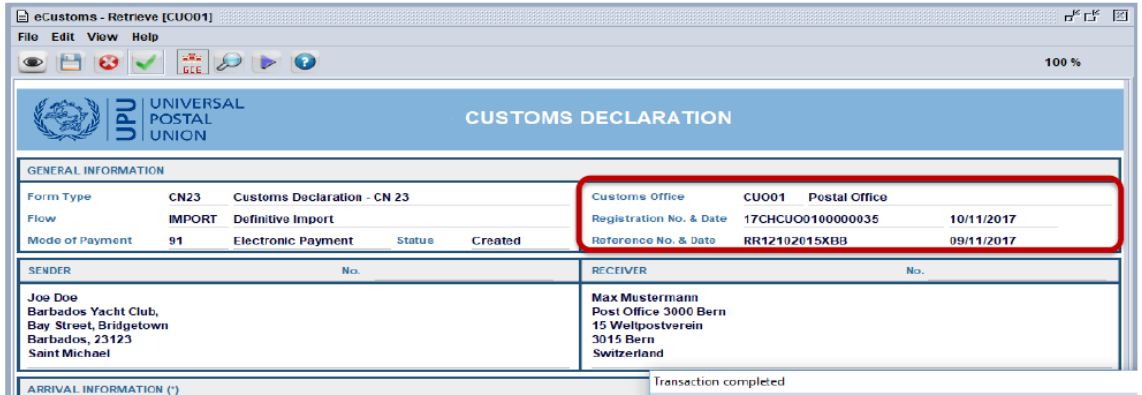
**WCO-UPU Guidelines for developing an MoU**

**WCO-UPU Guidelines on EAD**

**WCO-UPU data capture guidelines**

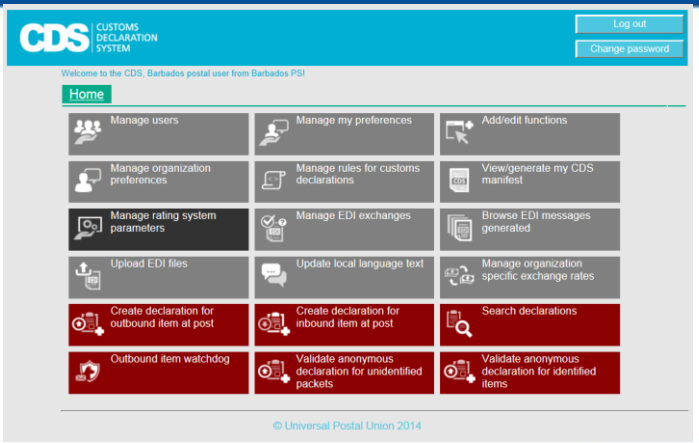
**WCO-UPU messaging standard CUSITM-CUSRSP**

**->Interface with UNCTAD's AsycudaWorld**

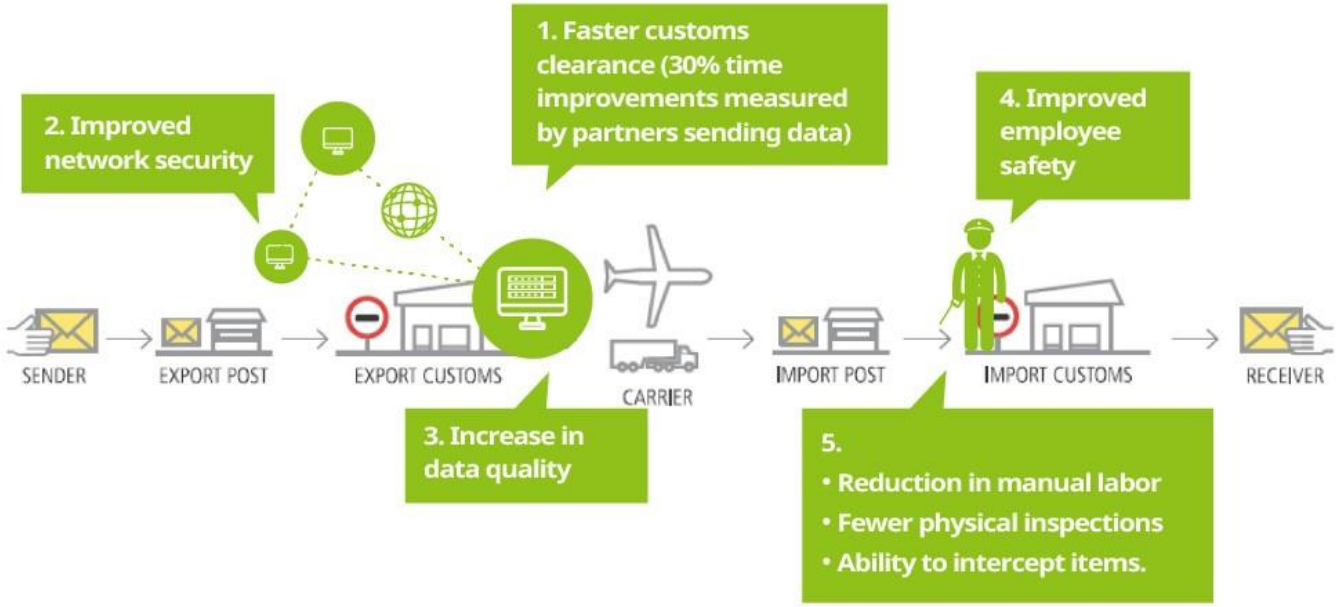


# Smart Supply Chain Management

# EAD and Paperless customs




## Paperless Customs Processing




## UPU Customs Declaration System (CDS)

Developed on the basis of
WCO–UPU EDI messaging CUSITM-CUSRSP

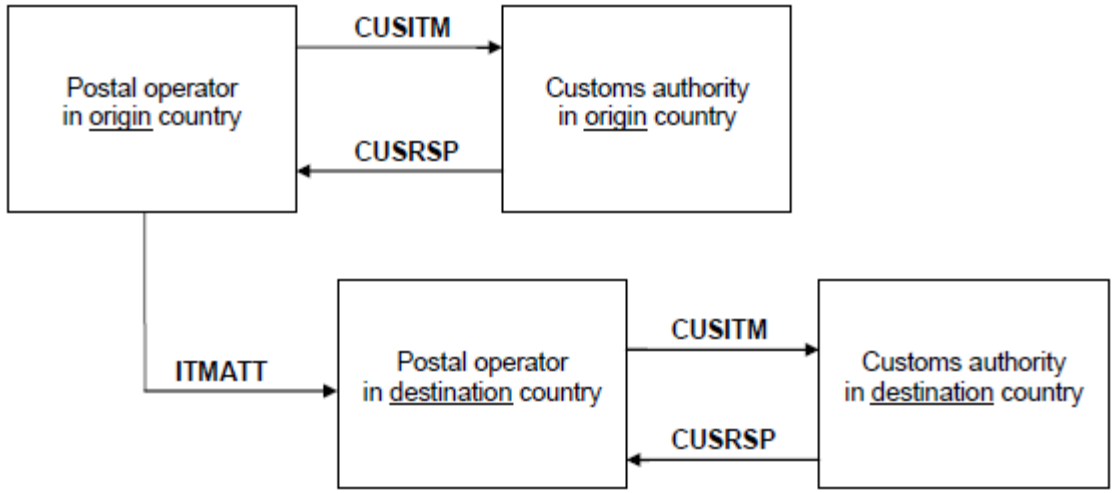
- Supports EAD requirements
- Focuses on Postal Customs processes
- Reduction of paperwork
- WCO CUSITM-CUSRSP Based interface with UNCTAD's ASYCUDA World

ASYCUDA
Automated System for Customs Data

# Interoperability through joint WCO-UPU Messaging Standards

## CUSITM – CUSRSP V2 : INCLUDES MAPPING TO WCO DATA MODEL

- XML - File or Web Services based exchanges
- Based on postal customs declaration forms : CN23 -> ITMATT datasets
- CUSITM V2 Includes mapping to WCO Data Model
- CUSRSP V2 Supports PLACI regimes



# Example CUSITM

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<interchange xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="m43" xsi:schemaLocation="m43 m43-3.xsd">
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    <intref>7</intref>
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        <mesref>1</mesref>
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            <version>1</version>
            <release>1</release>
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            <cusitm_1_1_0>
                <mail_flow>I</mail_flow>
                <!-- Inbound -->
                <item>
                    <ID>
                        <idtype>10</idtype>
                        <!-- S10 compliant ID -->
                        <value>CP000012342CH</value>
                    </ID>
                    <attributes>
                        <info_provider>O</info_provider>
                        <!-- Information provided by orig post -->
                        <upu_form>
                            <addressee>
                                <identification>
                                    <name>John Smith</name>
                                </identification>
                                <postal_address>
                                    <premises>Summer avenue</premises>
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                                        <code>K1A 1M4</code>
                                        <name>Ottawa</name>
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                                </postal_address>
                            </addressee>
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                            <postage_paid>
                                <currency>CHF</currency>
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                            </postage_paid>
                            <nature_of_transaction_code>31</nature_of_transaction_code>
                            <!-- Gift -->
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                                </declared_value>
                            </content_piece>
                        </upu_form>
                        <agreed_info>
                            <origin_country_code>CH</origin_country_code>
                            <mail_class>C</mail_class>
                            <!-- this item is a parcel -->
                            <handling_class>V</handling_class>
                            <!--Insured -->
                            <srv_info>
                                <transport_mode>4</transport_mode>
                                <!-- air -->
                                <date>20160415</date>
                            </srv_info>
                            <references>
                                <customs_ref>
                                    <identifier>12345</identifier>
                                </customs_ref>
                            </references>
                        </agreed_info>
                    </attributes>
                </item>
            </cusitm_1_1_0>
        </msgbody>
    </message>
</interchange>
```

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# Thank You