

# dentsu TRACKING

## **Dentsu Aegis Network**

EU SECONDARY REPOSITORY SPECIFICATIONS CHANGES FROM VERSION 1.4.3 TO 1.4.4 FOR ECONOMIC OPERATORS

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This document details the changes in the List of Specifications and Data Dictionary from version 1.4.3 to version 1.4.4 for the EU Secondary and Router.

## Summary of changes

Date	Version	Done by	Comment
15.06.2021	1.0	Dentsu Aegis Network	

## Publication

Date	Version	Submitted to
15.06.2021	1.0	

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# 1 Introduction

## 1.1 Purpose

This document describes the changes proposed to the Data Dictionary version 1.4.3 and the List of Specifications version 1.4.4.

## 1.2 Type of updates

In order to provide a better understanding of the proposed updates, each change is categorized as following.

- **Cosmetic:** the change corrects typo or wording elements without changing the feature purpose
- **Technical:** The change completes the current feature or correct minor omissions.
- **Functional:** the change adds or modifies the initial feature.

## 1.3 Summary of changes

Description	Type					
		Secondary repository	Router	Primary repository	ID Issuer	Economic Operator
2.1 Rewording	Cosmetic	X	X	X	X	X
2.2 Move of the Message validation section						
2.3 Clarification of the Importer Scenario.	Cosmetic					X
2.4 Clarification of the Third Party Logistic Operator Scenario.	Cosmetic					X
2.5 Clarification of sequence validation regarding the delivery carried out with a vending van.	Functional	X	X	X		X
2.6 Clarification on rejected messages forwarding.	Cosmetic			X		
2.7 Clarification on the human readable UI.	Cosmetic	X	X	X	X	X
3.1 Clarification of technical Regular Expressions	Cosmetic	X	X	X		X
3.2 Message validation	Cosmetic	X	X	X		X
3.3 Update the FID validation on the Router.	Functional					X
3.4 Remove of the EUD in the scope of VAL_UI_ORD_IMPLDISAGG.	Cosmetic			X		X

3.5 Remove of the EDP from the scope of VAL_UI_ORD_ARRIVAL.	Cosmetic			X		X
3.6 Clarification of the sequence validation on the aggregation events.	Cosmetic			X		X
3.7 Clarification of the sequence validation for dispatch event.	Cosmetic			X		X
3.8 Arrival Validation depending on EDP Type.	Functional	X	X	X		X
3.9 Transloading event Validation depending on EDP Type.	Functional	X	X	X		X
3.10 Location validation control removal when Reuse of aUI.	Functional	X	X	X		X
3.11 Adding Maximum Length to Text fields	Technical	X	X	X	X	X
3.12 Error Data field description in the error section	Technical	X	X	X	X	X

## 2 List Of Specifications 1.4.4 Updates

### 2.1 [Cosmetic] Rewording.

ALL

Section: "1.2 Scope and objectives"

Description of the change: The description of Section 8 changed from Message Validation to Sig-un Process, as the scope of the document no longer includes Message validations, which is now included in the Data Dictionary document.

Section: "3.3.1 Identifier codes for Economic operators, Facilities and Machines"

Description of the change: Last paragraph was rewritten for clarification.

Section: "4.1.1.1 Description – Issuing of an Economic operator Identifier code"

Description of the change: The "Note" was rewritten for clarification. It is reused throughout the document.

Sections: "4.1.2 – 4.19"

Description of the change: Several paragraphs across these sections have been rewritten, corrected and improved.

Section: "5.2 Secondary repository and Router interface"

Description of the change: An introduction was added to this section.

Section: "5.2.12 Number of simultaneous connections"

Description of the change: The section was rewritten.

Section: "5.4.6.1 Content and Structure"

Description of the change: Descriptions were added in the flat-file table for the following files:

- FacilityLookup.csv
- ImporterLookup.csv
- TargetMarketLookup.csv
- RouteLookup.csv

Section: "5.8.5 Endpoint"

Description of the change: The section was rewritten.

Section: "5.9.3 Synchronous and asynchronous support"

Description of the change: The section was rewritten.

Section: "7.2.1 Routing of UI"

*Description of the change:* Part of the section was rewritten.

## 2.2 [Cosmetic] Move of the Message validation section.

ALL

Section: "3.3 Message Validation"

*Description of the change:* The validation section has been moved from the List of Specification to the Data Dictionary.

## 2.3 [Cosmetic] Clarification of the Importer Scenario.

EO

Section: "4.6 Importer Scenario"

### Importer Scenario

#### 2.3.1 Identifier Code request

The economic operator should request the EOID FID MID to the ID Issuer.

For factories outside the EU, it is recommended to request new FID and MID independently of the fact that the factory and machine have already been registered by another economic operator.

#### 2.3.2 Unique Identifier request

The IRU (response to message 2.1 defined in Annex II) must contain the import flag information.

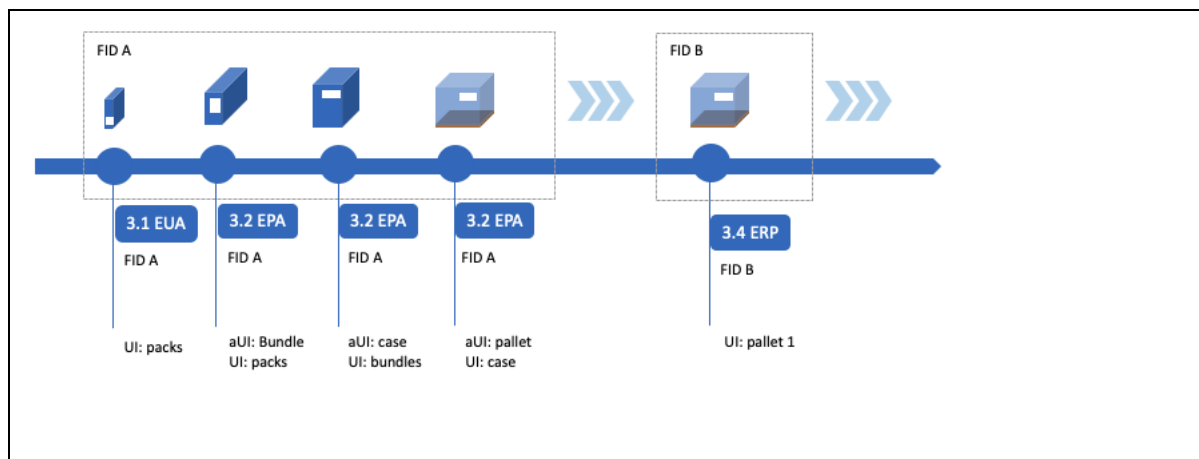
#### 2.3.3 Reporting through a primary repository

The reporting of events for the Importer must be done using a primary repository. The Primary repository forwards the reported events to the Secondary repository.

#### 2.3.4 Reporting flow

The UI requests with the import flag enabled requires the following events to be reported.

- Application event 3.1 (EUA) that reports the application process on the
- Aggregation event 3.2 (EPA) (optional).
- Arrival event 3.4 (ERP). The first event that must be reported for the imported goods is the Arrival event.



## 2.4 [Cosmetic] Clarification of the Third Party Logistic Operator Scenario.



Section: "4.7 Third Party Logistic Operator Scenario"

### Third Party Logistic Operator Scenario

#### 2.4.1 Overview

Third-party logistics (abbreviated as 3PL, or TPL) in logistics and supply chain management is an organization's use of third-party businesses to outsource elements of its distribution, warehousing, and fulfillment services.

In principle, there is nothing in the legislation that would prevent a third party (operator A) from providing a service and reporting into the system on behalf of another economic operator (operator B).

#### 2.4.2 Reporting EOID, FID and MID

It is important that the identifications (i.e. EOID, FIDs and MIDs) of operator B are used for reporting purposes, since operator A acts as a mere service provider. Operator B also remains legally responsible for the correctness and completeness of reports

#### 2.4.3 Reporting through a primary repository

In case the economic operator (operator B) is a manufacturer or an importer, the reporting of events for the service provider (operator A) must be done using a primary repository (operator B). The Primary repository forwards the reported events to the Secondary repository.



## 2.5 [Functional] Clarification of sequence validation regarding the delivery carried out with a vending van.

EO

Primary

Section: "4.3.7 Delivery carried out with a vending van to multiple retail outlets"

### Clarification of event sequence

*Relevant provisions: Articles 2(20), 25(1)(f) and (g), 26(3), 32(4), 32(7), 34(1) of Commission Implementing Regulation (EU) 2018/574*

In accordance with Article 32(4) of the Implementing Regulation, for deliveries to multiple first retail outlets by means of a vending van, manufacturers and importers shall transmit the information listed in point 3.7 of Section 3 of Chapter II of Annex II, in the format indicated therein, to the primary contracted by them. All other economic operators shall transmit the information listed in point 3.7 of Section 3 of Chapter II of Annex II, in the format indicated therein via the router.

Regarding the characteristics of the repositories system, the latter shall allow for automatic validation of messages received from economic operators including refusal of incorrect or incomplete messages.

Economic operators reporting delivery by means of vending van need to submit: (i) message EDP(3.3) on dispatch of tobacco products from a facility with value '4' to be indicated in the field 'Destination\_ID1' delivery with VV; (ii) for each retail outlet, message(s) 3.7 on the actual delivery(ies) carried out with a vending van; and (iii) for any remaining products/stock remaining after finishing the delivery tour, message ERP(3.4) on arrival of tobacco products at a facility with value '1' indicated in the field 'Product\_Return'.

On whether EVR(3.7) message could be preceded by a ETL(3.5) message: Under Article 2(20) of the Implementing Regulation, vending van means a vehicle used for the delivery of tobacco products to multiple retail outlets in quantities that have not been predetermined in advance of the delivery. Considering that reporting of a trans-loading event requires and permits only one facility identifier code, reporting of trans-loading activities directly to a vending van is not possible.

**On the basis of the foregoing, a EVR(3.7) message could only be preceded by a EDP(3.3) message and not by a ETL(3.5) message.**

## 2.6 [Cosmetic] Clarification on rejected messages forwarding.

Primary

Section: "5.2.9. Forward Rejected Messages."

*Description of the change:* Clarification on the need for the primary repository to forward erroneous sequence validation events to the Secondary repository.

## 2.7 [Functional] OPTIONAL extension of the ICV to manufacturers.

Primary

Section: "5.5. Identifier Code Verification Service"

*Description of the change:* Clarification of the scope of the ICV to manufacturers.

## 2.8 [Cosmetic] Clarification on the human readable UI.

ALL

Section: "6.2 Clarification on the human readable"

*Description of the change:* new section describing the human readable UI format.

### Clarification on the Human readable

As described in Annex II Chapter I Section 1 of the Implementing Regulation, the upUI(s) is the UI made visible in the human readable format on the unit packets.

The upUI(s) must be unique and it is composed by the **ID issuer's prefix** and a **serialisation element**.

This serialisation element provides the unicity of the human readable code.

The serialisation elements is composed by a 'Serial Number' (Art.8 (b)) and under certain circumstances by the 'Product Code' (Art.8 (b)).

The 'Product Code' is required when the 'Serial Number' is not unique across all product codes. In other words when the ID issuer produces the same Serial Number for multiple product codes.

It is therefore the responsibility of the ID Issuer to establish the structure of the upUI(s) between the following formats

- upUI(s) = ID Issuer Prefix + Serial Number
- upUI(s) = ID Issuer Prefix + Serial Number + Product Code

The decision should consider the unicity of the Serial Number for all Product Codes.

### 3 Data Dictionary 1.4.4 Updates

#### 3.1 [Cosmetic] Clarification of Regular Expression.

ALL

Section: "2.1 DataTypes"

*Description of the change:* Update the document in order to reflect the existing Regular expression currently implemented following the datatype definition. These ARE NOT new validations but only the clarification of the current implementation.

Data Type	Description	Type	Example or regular expression
ARC	Administrative Reference Code (ARC) or any successive code adopted under the Excise Movement and Control System (EMCS)	Text(30)	'15GB0123456789ABCDEF0'  Validation RegEx:  <code>^[a-zA-Z0-9]*\$</code>
Email	Maximum 80 characters	Text(80)	E.g. 'info@test.com'  Validation RegEx:  <code>^((([a-zA-Z] \d [\!#\\$\%&amp;'\*\+\-\ \\/=\?\^\_`{\} }~] [\u00A0-\uD7FF\uF900-\uFDCF\uFDF0-\uFFEF])+\.\.([a-zA-Z] \d [\!#\\$\%&amp;'\*\+\-\ \\/=\?\^\_`{\} }~] [\u00A0-\uD7FF\uF900-\uFDCF\uFDF0-\uFFEF])*) ((\x22)((\x20 \x09)*(\x0d\x0a))?(\x20 \x09)+)?(([\x01-\x08\x0b\x0c\x0e-\x1f\x7f] \x21 [\x23-\x5b] [\x5d-\x7e] [\u00A0-\uD7FF\uF900-\uFDCF\uFDF0-\uFFEF]) (\([\x01-\x09\x0b\x0c\x0d-\x7f] [\u00A0-\uD7FF\uF900-\uFDCF\uFDF0-\uFFEF])))*)(((\x20 \x09)*</code>

			(\\x0d\\x0a))? (\\x20 \\x09)+)? (\\x22))@((( [a-z] \\d [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]) ((( [a-z] \\d [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]) ([a-z] \\d \\. _ ~ [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF])*) ([a-z] \\d [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]))\\.)+(( [a-z]  [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]) ((( [a-z]  [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]) ([a-z] \\d \\. _ ~ [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF])*) ([a-z]  [\\u00A0-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFEF]))\\.)?\$
MRN	Movement Reference Number (MRN) is a unique customs registration number. It contains 18 digits and is composed of the following elements: (a) last two digits of the year of formal acceptance of export movement (YY), (b) country name coded with ISO3166-1:2013 alpha-2 (or its latest equivalent) of the Member State to which the declaration was sent, (c) unique identifier for entry/import per year and country, and (d) check digit.	Text(18)	'19IT9876AB88901235'  Validation RegEx:  ^[0-9]{2}[A-Z]{2}[a-zA-Z0-9]+[0-9]{1}\$
SEED	Excise number composed of: (a) country name coded with ISO-3166-1:2013 alpha-2 (or its latest equivalent) (e.g. 'LU') and (b) eleven alphanumeric characters, if needed, padded to the left with zeroes (e.g. '00000987ABC').	Text(13)	'LU00000987ABC'  Validation RegEx:  ^[A-Z]{2}[a-zA-Z0-9]{11}\$

TPID	Tobacco Product Identifier (TP-ID) – numeric identifier used in the EU-CEG system in the format: NNNNN-NN-NNNN	Text(14)	'02565-16-00230'  Validation RegEx:  <code>^[0-9]{5}-[0-9]{2}-[0-9]{5}\$</code>
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### 3.2 [Cosmetic] Message validation.

EO Primary

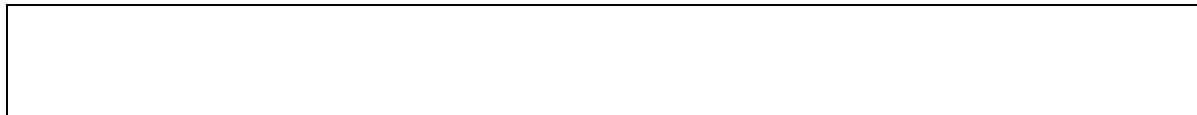
Section: "3.3 Message Validation"

Description of the change: The validation section has been moved from the List of Specification to the Data Dictionary.

Section: "3.3.2 Timestamp"

Description of the change: Clarification of the different timestamps defined in the EU secondary and Router system.

Timestamps				
Control	Event Time	Message Time Long	Reception Time	Record Time
Source	Provided by EO system	Provided by EO system	Provided by Primary repository or Router	Established by the Secondary repository
Precision	hour	second	milliseconds	milliseconds
		Used for sequence validation	Used for sequence validation as a replacement of the Message Time Long	Used for audit purposes
Note		Note: the Message time can be the Event Time on the second precision	Note: the Message time can be the Event Time on the second precision	



Section: "3.3.3.5.3 Aggregation and Disaggregation Principles"

Description of the change: Clarification of the principle 4 in order to reflect the potential implicit disaggregation that could occur during the product transport.

**Principle 4:** All disaggregation must be performed at a location. No Disaggregation are allowed during the transport.

Note that implicit disaggregation might be triggered by a deactivation event IDA (2.3), a delivery carried out by vending van EVR (3.7) or an arrival ERP (3.4) of type Return of good that are in transit.

Section: "3.3.3.5.4.1 Triggers"

Description of the change: Added diagram for implicit disaggregation.

Section: "3.3.4 Validation Scope"

Description of the change including the generic sequence validator.

	IRU (2.1)	IRA (2.2)	IDA (2.3)	EUA (3.1)	EPA (3.2)	EDP (3.3)	ERP (3.4)	ETL (3.5)	EUD (3.6)	EVR (3.7)	EIV (4.1)	EPO (4.2)	EPR (4.3)	RCL (5)
VAL_UI_ORD_SEQUENCE			X	X	X	X	X	X	X	X				

Section: "3.6.3.4.2 Example of sequence errors for EDP (3.3):"

Description of the change: Added diagram for UI\_SEQUENCE\_ERROR and LOCATION\_MISMATCH.

Section: "3.3.9.5 Recall clarification"

Description of the change: Providing clarification on the processing of the recall regarding event that have been accepted out of sequence by the secondary.

**Recall clarification**

Once the events are accepted, including events accepted with special processing (meaning that events have been accepted out of sequence), the recall validation will apply on the full event sequence.

By definition the events accepted with special processing are NOT the latest events for some UI present in the event. For that reason, the Recall process must first be applied on the latest event (based on the Reception\_Time).

### 3.3 [Functional] Update the FID validation on the Router.

EO

Section: "3.3.4 Validation Scope"

Description of the change: Update the FID validation on the Router.

	IRU (2.1)	IRA (2.2)	IDA (2.3)	EUA (3.1)	EPA (3.2)	EDP (3.3)	ERP (3.4)	ETL (3.5)	EUD (3.6)	EVR (3.7)	EIV (4.1)	EPO (4.2)	EPR (4.3)	RCL (5)
VAL_ENT_ACTIVE_FID	X	X	R	X	R	R	R	R	R	R				

### 3.4 [Cosmetic] Remove of the EUD in the scope of VAL\_UI\_ORD\_IMPLDISAGG.

EO Primary

Section: "3.3.3.5.5. Aggregation and Disaggregation Validation"

Control	Description	Scope
VAL_UI_ORD_IMPLDISAGG	Validation that an aUI has been implicitly disaggregated cannot be part on any product movement prior of being part of an EUD message and then aggregated.	EDP – ERP – ETL – EVR- EPA (Children) - <b>EUD</b>

### 3.5 [Cosmetic] Remove of the EDP from the scope of VAL\_UI\_ORD\_ARRIVAL.

Section: "3.3.3.5.7 Dispatch and arrival Validation"

Control	Description	Scope
VAL_UI_ORD_ARRIVAL	Validation that a UI is part of a prior reported dispatch or transloading event (EDP 3.3, ETL 3.5) for the specified destination.	ERP (Product_Return = 0), <b>EDP, ERV</b>

	This validation concerns the sequence of events.  <i>Exception:</i> Imported products	
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### 3.6 [Cosmetic] Clarification of the sequence validation on the aggregation events.

EO Primary

Section: "3.6.2.4 Sequence Validation"

	IRA 2.2	EUA 3.1	EUA 3.1 Import	EPA 3.2 parent UI	EPA 3.2 parent UI Import	EPA 3.2 Child	ERP 3.4	ERP 3.4 (Return)	EUD 3.6
Message Received									
EPA 3.2 parent UI	Yes	No	No	No	No	No	No	No	Yes
EPA 3.2 child UI (upUI)	No	Yes	Yes	No	No	Yes	Yes	Yes	No
EPA 3.2 child UI (aUI)	No	No	No	Yes	Yes	Yes	Yes	Yes	No

### 3.7 [Cosmetic] Clarification of the sequence validation for dispatch event.

EO Primary

Section: "3.6.3.4 Sequence Validation"

	EUA 3.1	EUA 3.1 Import	EPA 3.2 parent UI	EPA 3.2 parent UI Import	EPA 3.2 Child	ERP 3.4	ERP 3.4 (Return)
Message Received							
EDP 3.3 Export (type 1)	Yes	No	Yes	No	Yes	Yes	Yes
EDP 3.3 (type 2)	Yes	No	Yes	No	Yes	Yes	Yes



EDP 3.3 VM (type 3)	Yes	No	Yes	No	Yes	Yes	Yes
EDP 3.3 VV (type 4)	Yes	No	Yes	No	Yes	Yes	Yes

No	Next message not allowed for the UI (including different aggregation level)
Yes	Next Message allowed
Yes (with Location Validation)	Next Message allowed with location validation

Products can be dispatched from a location only if they have been applied (EUA 3.1) or aggregated (EPA 3.2) in that specific location or if they have been previously reported as arrived in that location. This means that Dispatch events should follow an Arrival, an Aggregation or an Application message, and the origin of the Dispatch must correspond to the location of previous Arrival, Aggregation or Application event.

**Import scenario**

The imported goods that have been applied and aggregated require to be part of an Arrival (ERP 3.4) event.

### 3.8 [Functional] Arrival Validation depending on EDP Type.

EO Primary

*Section:* "3.6.4.4 Sequence Validation"

*Description:* addition of the technical validation on the arrival event based on the type of the dispatch.

Sequence validation								
Message Received	EUA 3.1 Import	EPA 3.2 parent UI Import	EDP 3.3 (type 1) Export	EDP 3.3 (type 2)	EDP 3.3 (types 3) VM	EDP 3.3 (type 4) VV	ETL 3.5	ETL 3.5 Export
ERP 3.4	Yes	Yes	No	Yes	No	No	Yes	No

ERP 3.4 (Return)	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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No	Next message not allowed for the UI (including different aggregation level)
Yes	Next Message allowed
Yes (with Location Validation)	Next Message allowed with location validation

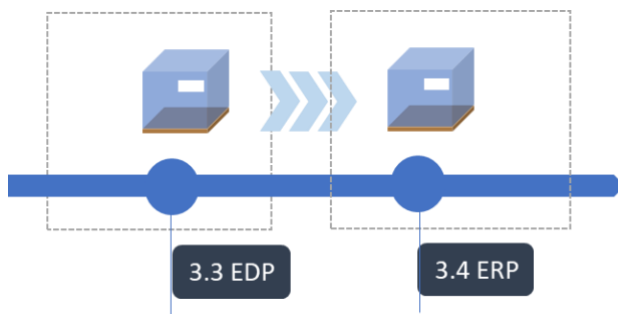
**Events must be transmitted in sequence:** Arrivals are expected to be reported in proper events sequence, following a dispatch, a transloading, or as a (partial) return from Vending Van delivery or from retail outlets.

**Import scenario**

In the case of Imported good, the newly applied (EUA 3.1) or aggregated (EPA 3.2) UIs must be part of an arrival event.

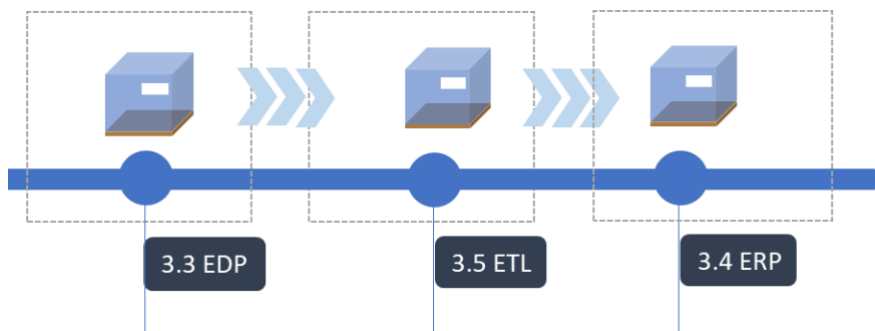
**Arrival after Dispatch**

➤ EDP – 3.3 (type 2) message > ERP – 3.4 message



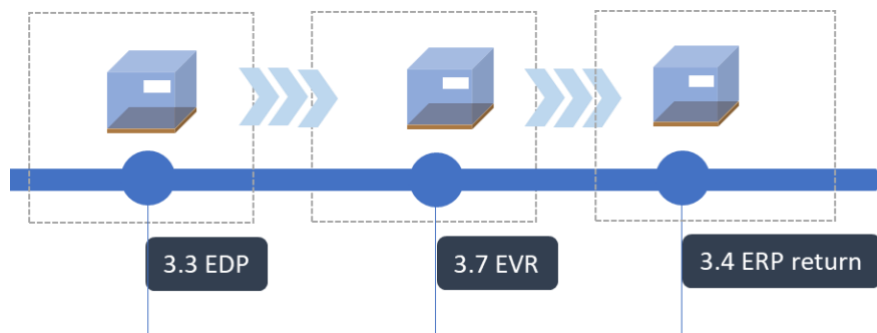
**Arrival after Transloading**

➤ ETL – 3.5 message > ERP – 3.4 message



Arrival after dispatch carried out by vending van

➤ EVR – 3.7 messages > ERP of type return – 3.4 message



Events must be reported within respecting Principle 4: All disaggregation must be performed at a location. No Disaggregation are allowed during the transport.

Events must be reported within respecting Principle 5: The reporting on the Arrival should be done on the same UI that have been reported during the Dispatch/Transloading process. This is a consequence of Principle 4. This means that an Arrival Event that contains child UI of UI reported during the Dispatch/Transloading Event will be rejected. The same UI must be reported.

Exception to principle 5: Arrival of type return can be reported at a different level than the previous dispatch/transloading/delivery with VV

3.6.4.4.5 Arrival of type return

The Arrival of type return is the proper reporting event for exported goods, goods in transit (dispatched or in transloading)

3.9 [Functional] Transloading event Validation depending on EDP Type.

EO Primary

Section: "3.6.5.4 Sequence Validation"

Description: addition of the technical validation on the transloading event based on the type of the dispatch.

Sequence validation

	EDP 3.3 (type 1) Export		EDP 3.3 (type 2)	EDP 3.3 (types 3) VM	EDP 3.3 (type 4) VV	ETL 3.5	ETL 3.5 Export
Message Received							
ETL 3.5	No	Yes	No	No	Yes	No	

ETL 3.5 (Export)	Yes	No	No	No	No	Yes
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No	Next message not allowed for the UI (including different aggregation level)
Yes	Next Message allowed
Yes (with Location Validation)	Next Message allowed with location validation

ETL (3.5) can only be preceded by EDP (3.3) of type 1 or 2 or another ETL (3.5)

The ETL (3.5) event is not subject to any location validation

### 3.10 [Functional] Location validation control removal when Reuse of aUI.

EO Primary

Section: "3.6.6.4 Sequence Validation"

Description: removal of the location validation on when reporting the disaggregation event (EUD 3.6) on a aUI that has been implicitly disaggregated.

Message Received	EPA 3.2 parent UI	EPA 3.2 parent UI Import	EPA 3.2 Child	ERP 3.4	ERP 3.4 (Return)	EUD 3.6	EUD 3.6 (aUI implicitly disaggregated) - reuse of aUI
	Yes	Yes	Yes	Yes	Yes	No	Yes

No	Next message not allowed for the UI (including different aggregation level)
Yes	Next Message allowed
Yes (with Location Validation)	Next Message allowed with location validation

**Clarification of the location validation**

The disaggregation event is subject to the location validation (VAL\_UI\_ORD\_AGG\_FID). In other words, the aUI that are been disaggregated must be in the same facility.

There is exception for aUI that have been already disaggregated implicitly.

**Clarification on the impact of Implicit disaggregation**

The reporting of a disaggregation event (EUD 3.6) on an aUI that have been previously implicitly disaggregated (by any the reporting of an event that allows the triggering of the implicit disaggregation mechanism) doesn't correspond to any physical movement. Therefore, the location validation control VAL\_UI\_ORD\_AGG\_FID will not be applied.

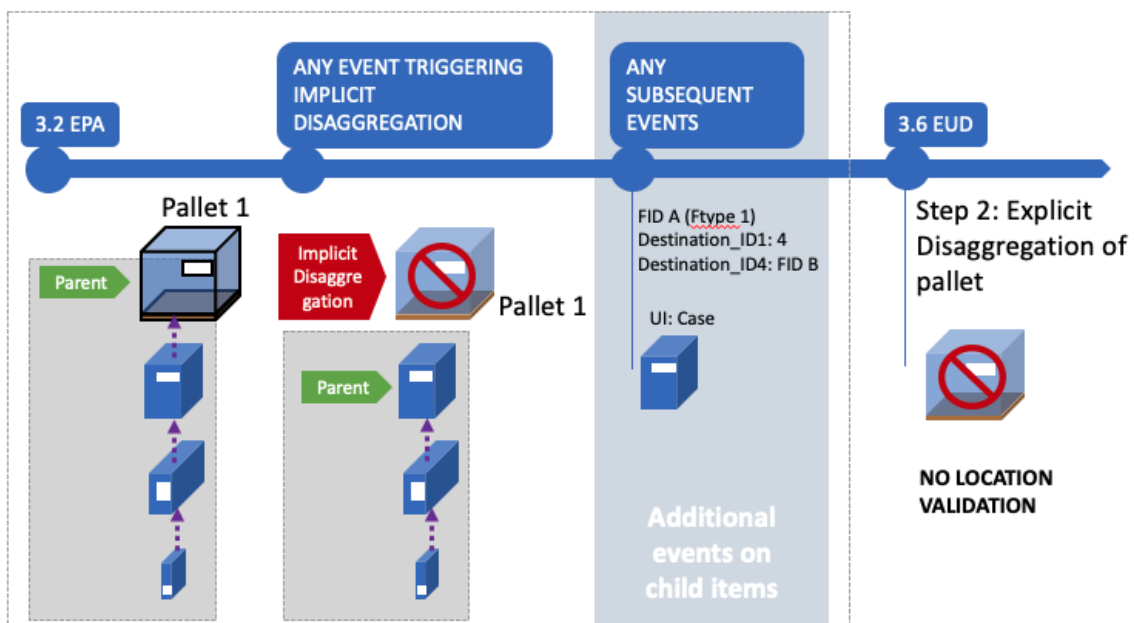


Figure 1 reporting of disaggregation event on aUI that are implicitly disaggregated.

**Implicit disaggregation trigger**

This event can trigger an implicit disaggregation when a child UI is identified as part of the event.

### 3.11 [Technical] Adding Maximum Length to Text fields

ALL

*Description of the change:* Many text fields described in the document were missing the max length value, also some were removed from the document (listed as “does not exist” in the following table):

2.5.2	
F_Type_Other	5000
3.2.1	
Code	50 max
ResponseText	5000
3.2.2	
Checksum	5000
3.2.3	
Error_Data	5000
Error_Descr	5000
3.2.4	
Information_Type	5000
Data	5000
Data_List	this is an array of strings no array limit (strings inside 5000)
3.4.1.2	
EO_Address_Name	5000
EO_Address_StreetOne	5000
EO_Address_StreetTwo	5000
EO_Address_City	5000
EO_Address_PostCode	5000
EO_Email	5000regex protected
Extensibility	5000
3.4.5.2	
F_Address_Name	5000
F_Address_StreetOne	5000
F_Address_StreetTwo	5000
F_Address_City	5000
F_Address_PostCode	5000
3.4.13.2	

R_EOF	this is a matrix of strings - array limit = 2 5000on the strings inside
R_EOFM	this is a matrix of strings - array limit = 3 5000on the strings inside
<a href="#">3.5.6.2</a>	
Deact_Reason2	5000
Deact_Reason3	Limited to the set of known deactivation_types (enum verification, see joint file with the same name)
<a href="#">3.6.1.2</a>	
upUI_comment	5000
<a href="#">3.6.2.2</a>	
aUI_comment	5000
<a href="#">3.6.3.2</a>	
Destination_ID5	5000
Destination_ID5_Address_Name	5000
Destination_ID5_Address_StreetOne	5000
Destination_ID5_Address_StreetTwo	5000
Destination_ID5_Address_City	5000
Destination_ID5_Address_PostalCode	no limit
Transport_vehicle	5000
Transport_s2	5000
SAAD_number	5000
Dispatch_comment	5000
<a href="#">3.6.5.2</a>	
Destination_ID3	EDP -> array of string limited to 50 (same for Destination_ID4 on the EDP) ETL -> 5000
Destination_ID3_Address_Name	ETL -> 5000
Destination_ID3_Address_StreetOne	ETL -> 5000
Destination_ID3_Address_StreetTwo	ETL -> 5000
Destination_ID3_Address_City	ETL -> 5000
Destination_ID3_Address_PostalCode	ETL -> 5000
Transloading_comment	ETL -> 5000
Dispatch_Comment	EDP -> 5000
<a href="#">3.6.2.2</a>	
disaUI_comment	5000
<a href="#">3.6.7.2</a>	

Delivery_comment	5000
<a href="#"><u>3.8.1.2</u></a>	
Invoice_Type2	5000
Invoice_Number	5000
Buyer_Name	5000
Buyer_Address	5000
Buyer_Address_Name	5000
Buyer_Address_StreetOne	5000
Buyer_Address_StreetTwo	5000
Buyer_Address_City	5000
Buyer_Address_PostCode	5000
Buyer_TAX_N	5000
Invoice_comment	5000
<a href="#"><u>3.8.2.2</u></a>	
Order_comment	5000
Payer_Name	5000
Payer_Address	5000
Payer_Address_Name	5000
Payer_Address_StreetOne	5000
Payer_Address_StreetTwo	5000
Payer_Address_City	5000
Payer_Address_PostCode	5000
Payer_TAX_N	5000
Invoice_Paid	5000
Payment_comment	5000
<a href="#"><u>3.10.1.2</u></a>	
Recall_Reason2	5000
Recall_Reason3	5000
<a href="#"><u>3.12.1.2</u></a>	
Callback_Url	5000
<a href="#"><u>3.12.1.3</u></a>	
Upload_Url	5000
<a href="#"><u>3.12.3.2</u></a>	
File_content	5000
<a href="#"><u>3.14.1.3</u></a>	
Query_UserID	5000



Query_Elements	EconomicOperatorQuery - 20 - (5000inside) FacilityQuery - 20 - (5000 inside) MachineQuery - 20 - (5000 inside) EventQuery - 20 - (5000inside) UniqueIdentifierQuery - 20 - (5000 inside) VehicleQuery - 1 - (5000inside)
<a href="#">3.14.1.4</a>	
Query_Result	5000
<a href="#">3.14.1.5.1</a>	
UI_Status_Description	5000
upUIh	5000
Event_List	this is an array of strings no array limit (strings inside 5000)
<a href="#">3.14.1.5.2</a>	
RecallCode	5000
ParentID	5000
<a href="#">3.14.1.5.6</a>	
Event_Type	Limited to the set of known message_types (enum verification, see joint file with the same name)
<a href="#">3.14.2.3</a>	
Binary file download	5000
Password	5000
<a href="#">4.1.1</a>	
OtherEOID_N May be an error, it doesn't appear as Text type in any other table	5000
OtherFID_N May be an error, it doesn't appear as Text type in any other table	5000
<a href="#">4.2.1.4</a>	
RegularExpression	5000

### 3.12 [Technical] Description of the Error Data field

ALL

Section: "5.4 Validation Error"

Description of the change: describe the field Error Data content for the error codes

