

dentsu

# TRACKING

## **Dentsu Aegis Network**

DATA DICTIONARY 1.4.2 OPTIONAL TECHNICAL FEATURES FOR ECONOMIC OPERATORS

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This document describes the optional functionalities to help economic operators implement additional technical controls.

## Summary of changes

<b>Date</b>	<b>Version</b>	<b>Done by</b>	<b>Comment</b>
20.04.2020	0.1	Dentsu Aegis Network	Internal Draft
27.05.2020	0.2	Dentsu Aegis Network	Update of the validation
17.06.2020	0.3		Removal of the envelop message proposal
06.07.2020	0.4	Dentsu Aegis Network	Updated MTL validation scope. Maintenance Service scope.
10.07.2020	0.5	Dentsu Aegis Network	Update http status to 202 Remove the service maintenance.
20.07.2020	0.6	Dentsu Aegis Network	System Reception Timestamp.
25.07.2020	1.0	Dentsu Aegis Network	
13.08.2020	1.1	Dentsu Aegis Network	Document split Clerical error regarding the Checksum Data_List and definition of the Date format

## Distribution

<b>Date</b>	<b>Version</b>	<b>Submitted to</b>
19.06.2020	0.3	Primary Providers
09.07.2020	0.4	Primary Providers
10.07.2020	0.5	Primary Providers
20.07.2020	0.6	Primary Providers
25.07.2020	1.0	Primary Providers
13.08.2020	1.1	Publication

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# 1 Introduction

This document defines the optional functionalities to help the Economic Operators meet the technical modalities of event reporting.

## 2 Optional manufacturer query interface

### 2.1 Context:

Provide the manufacturer the ability to check the validity of the dispatch messages. Ensuring the successful reception of the goods by the distributors.

### 2.2 Approach

The Recallcode validation.

The Manufacturer will be able to

- Have the **status of the dispatch** on the secondary repository. Allowing the confirmation that the primary has processed the dispatch message and transmitted it successfully to the Secondary repository.
- Confirm the **arrival status** at the distributor side by "simulating" the arrival process and provide the router response.

### 2.3 Response information

The Traceability response to the manufacturer request over the dispatch

#### 2.3.1 Dispatch status

	<b>Description</b>
0	The recallcode of the dispatch message (3.3) is not present in the Secondary repository
1	The recallcode of the dispatch message (3.3) is present in the Secondary repository and has been successfully processed.

#### 2.3.2 Arrival status

The system will perform the reception validation and return the "same validation details (error list including error code and error descriptions) as if the arrival was performed by the destination Economic Operator.

### 2.4 Security and authentication

The interface is limited to the manufacturers

The request should contain

- The recallcode of the Dispatch (3.3) message
- The EOID of the manufacturer that reported the Dispatch (3.3) message

### 2.5 Daily Limit

The limit per manufacturer is set to 30 000 calls per day.

### 2.6 LDI Lookup Dispatch Interface

#### *2.6.1.1 Description*

### 2.6.1.2 Description of the fields

Application and aggregation envelop event					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Req	Block of basic information elements	Component << Basic Information Request >>	S	M	Message_Type = LDI
Message_Time_long	Message sending Time	Time(L)	S	M	
Dispatch_Code	Dispatch RecallCode		S	M	
Dispatch_EOID	EOID as present in the Dispatch event		S	M	

### 2.6.1.3 Response:

upUI application event – response					
Field	Description	Data Type	Cardinality	Priority	Values
BasicInfo_Resp	Block of basic information elements	Component << Basic Information Response >>	S	M	Message_Type = LDI
Validation_Time	Validation Timestamp		S	M	
Dispatch_Code	Dispatch RecallCode		S	M	
Dispatch_Status			S	M	
Arrival_Status	Response of the simulated arrival related to the dispatch				

### 2.6.1.4 Request sample

```
{
  "Message_Type": "LDI",
  "Code": null,
  "Dispatch_Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "Dispatch_EOID": "SAMPLEEOID",
  "Message_Time_Long": "2019-03-20T14:16:45Z"
}
```

### 2.6.1.5 Successful response sample

HTTP Status 200

```
{
  "Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "Message_Type": "LDI",
  "Dispatch_Code": "873345b2-882f-4064-91f0-90669b46c30a",
  "Validation_Time": "2019-03-20T14:16:45Z",
  "Dispatch_Status": 1,
  "Arrival_Status": {
    "Error": false,

```

```
"Errors": null
},
"Error": false,
"Errors": null,
"Checksum": "G6HF5H"
}
```

#### *2.6.1.6 Error response sample*

HTTP status		
<< Common response code >>		
400	FAILED_VALIDATION	In case the maximum number of requests is reached

## 3 Additional Checksum

### 3.1 Context

In order to allow EO to request the additional check sum will reflect the number of unit-level unique identifiers concerned with a given acknowledgement, an optional information request field is added to the messages.

### 3.2 Scope

#### 3.2.1 System

This checksum feature will only be available on the Router endpoint. The primary repository will not support the checksum feature.

#### 3.2.2 Data

The router provides the information for data

### 3.3 Optional information request field

Basic information block concerning the response - schema					
Field	Description	Data Type	Cardinality	Priority	Values
Information	Indicates the request of additional optional information	Boolean	S	O	0 - No 1- Yes

This optional field is supported on the following requests

- EPA – (3.2) Application of aggregated level UIs on aggregated packaging
- EDP – (3.3) Dispatch of tobacco products from a facility
- ERP – (3.4) Arrival of tobacco products at a facility
- ETL – (3.5) Trans-loading
- EVR – (3.7) Report the delivery carried out with a vending van to retail outlet

### 3.4 Optional information

Information_Type	Description
TotalupUI	Total number of upUI present in the event.

#### 3.4.1 Information block concerning the response

Basic information block concerning the response - schema					
Field	Description	Data Type	Cardinality	Priority	Values
Information_Type	The identifier of the type of information	Text	S	M	
Data	Indicates the failure of the message reception	Text	S	M	0 - No 1- Yes
Data_List	Array of data	Text	M	O	



```
{  
  ...  
  "Information": [  
    {  
      "Info_Type": "TotalupUI",  
      "Data": "5000"  
    }  
  ],  
  ...  
}
```

### 3.5 Router Processing

The "Information field" shouldn't be forwarded to the primary repositories.