



Self-Certification Checklist for Track & Trace

DCSA Standard for Track & Trace 1.2

June, 2021

About This Document

Completing this Self-Certification Checklist (SCC) will enable any organisation to determine whether they have fully adopted the DCSA Standard for Track & Trace 1.2. This Checklist must be successfully completed before an organisation can register as an adopter of this standard under the DCSA adopter programme.

Introduction

Thank you for downloading this Self-Certification Checklist (SCC) for the DCSA Standard for Track & Trace (T&T).

This Checklist must be successfully completed before an organisation can register as an adopter of this standard under the DCSA adopter programme.

Before completing the Checklist, please ensure you have read the DCSA Adopter Programme Handbook, available on <https://dcsa.org/adopt/> for more information on the processes involved.

You may also find it useful to review the [FAQs](#) about the adopter programme on our website.

The questions in this Checklist are separated into four sections:

- Event Naming Convention
- Information model
- Interface standards (use case and input/output)
- APIs

For each question, please carefully consider the specific product, service or facility you are aiming to self-certify before checking the relevant box in this PDF document. If you have answered "not confirmed" for any of the questions in this Checklist, your product, service or facility has not yet fully adopted this standard. Please continue your efforts to adopt this standard and return to complete the Checklist later. For more details on the standard, please check out the documents on <https://dcsa.org/standards/track-trace>.

If you have been able to confirm all of the questions in this Checklist, please save a copy for your records and proceed to registering your adopter status on the DCSA website at <https://dcsa.org/adopt/>, as described in the DCSA Adopter Programme Handbook.

Parties who are interested in procuring your products or services (or otherwise working with your organisation) may ask to see your completed checklists as part of their process of verifying that you have adopted DCSA standards.

1. Event naming convention

#	Checklist Statement	Confirmed	Not Confirmed	Comments
	My T&T event structure is aligned with the following event structure defined for DCSA T&T Standards:			
1	Equipment Event (Classifier, Event, Empty Indicator, Facility)			
2	Shipment Event (Shipment Information, Event)			
3	Transport Event (Classifier, Transport Mode, Event, Facility)			
	My events are further classified into attributes defined by DCSA T&T Standards:			
3.1	Event Classifier attribute has the following values:			
	ACT Actual			
	PLN Planned			
	EST Estimated			
3.2	Event type attribute* has the following values:			
	LOAD Load			
	DISC Discharge			
	GTIN Gate in			
	GTOT Gate out			
	STUF Stuffing			
	STRP Stripping			
	ARRI Arrival			
	DEPA Departure			
	ISSU Issued			
	RECE Received			
	CONF Confirmed			
	APPR Approved			
	SUBM Submitted			
	SURR Surrendered			
	REJE Rejected			
	PENA Pending approval			
3.3	Facility type attribute* has the following values:			

	POTE Port terminal			
	DEPO Depot			
	CLOC Customer location			
	COFS Container freight station			
	INTE Inland terminal			
	PBST Pilot boarding station			
	BOCR Border crossing			
	COYA Container yard			
	OFFD Off Dock Storage			
3.4	Transport Mode attribute has the following values:			
	Vessel			
	Barge			
	Truck			
	Rail			
3.5	Shipment Information type attribute* has the following values:			
	TRD Transport document			
	BKG Booking			
	SHI Shipping Instructions			
	VGM Verified Gross Mass			
	SRM Shipment Release Message			
	ARN Arrival Notice			
3.6	Empty Indicator type attribute has the following values:			
	EMPTY			
	LADEN			

Note: Attributes marked with an asterisk (*) are classified as Free Text fields in v1.2 of the DCSA Track & Trace standard. However, please note that these will be available as coded strings in upcoming versions of the standard.

2. Information Model

#	Checklist Statement	Confirmed	Not Confirmed	Comments
1	My data model reflects the relationships between entities and attributes aligned with the DCSA T&T information model			

2	My data definitions are compatible with the DCSA T&T information model data definitions			
3	My data types are compatible with the DCSA T&T information model defined data types and external data sources (where applicable)			

3. Interface standards

#	Checklist Statement	Confirmed	Not Confirmed	Comments
	I confirm that my organisation supports the following DCSA T&T interface standard use cases: (check only the relevant ones)			
1	My organisation's T&T API(s) support(s) Retrieval of track and trace information for all shipment(s)			
2	My organisation's T&T API(s) allow(s) users (internal and external) to Subscribe to track and trace information for all shipments			
2a	My organisation's T&T API(s) allow(s) users to Create, Update and Cancel a subscription			
3	My organisation's T&T API(s) is/are able to Publish track and trace information for all shipment(s)			
4	For each use case, my organisation's data attributes and types are compatible with the data attributes and data types defined in the DCSA T&T interface standard			

4. APIs (optional but recommended for DCSA standards adoption)

#	Checklist Statement	Confirmed	Not Confirmed	Comments
1	My organisation's API(s) follow(s) the DCSA API Specs available on SwaggerHub as follows:			
	GET /events returns all events			

GET /events/{eventID} returns a specific event with ID={eventID}			
GET /event-subscriptions returns all subscriptions			
POST /event-subscriptions Creates a new subscription			
GET /event-subscriptions/{subscriptionID} Fetches a specific subscription with ID={subscriptionID}			
PUT /event-subscriptions/{subscriptionID} Updates a specific subscription with ID={subscriptionID}			
DELETE /event-subscriptions/{subscriptionID} Deletes a specific subscription with ID={subscriptionID}			