



Self-Certification Checklist for Track & Trace

DCSA Standard for Track & Trace 2.1

August, 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 2.1. 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 Type, Empty Indicator, Facility Type)	<input type="checkbox"/>	<input type="checkbox"/>	
2	Shipment Event (Classifier, Shipment Information, Event Type)	<input type="checkbox"/>	<input type="checkbox"/>	
3	Transport Event (Classifier, Transport Mode, Event Type, Facility Type)	<input type="checkbox"/>	<input type="checkbox"/>	
4	My events are further classified into attributes defined by DCSA T&T Standards:			
4.1	Event Classifier attribute has the following values:			
	ACT Actual	<input type="checkbox"/>	<input type="checkbox"/>	
	PLN Planned	<input type="checkbox"/>	<input type="checkbox"/>	
	EST Estimated	<input type="checkbox"/>	<input type="checkbox"/>	
4.2	Event type attribute has the following values:			
	LOAD Load	<input type="checkbox"/>	<input type="checkbox"/>	
	DISC Discharge	<input type="checkbox"/>	<input type="checkbox"/>	
	GTIN Gate in	<input type="checkbox"/>	<input type="checkbox"/>	
	GTOT Gate out	<input type="checkbox"/>	<input type="checkbox"/>	
	STUF Stuffing	<input type="checkbox"/>	<input type="checkbox"/>	
	STRP Stripping	<input type="checkbox"/>	<input type="checkbox"/>	
	ARRI Arrival	<input type="checkbox"/>	<input type="checkbox"/>	

#	Checklist Statement	Confirmed	Not Confirmed	Comments
	DEPA Departure	<input type="checkbox"/>	<input type="checkbox"/>	
	ISSU Issued	<input type="checkbox"/>	<input type="checkbox"/>	
	RECE Received	<input type="checkbox"/>	<input type="checkbox"/>	
	CONF Confirmed	<input type="checkbox"/>	<input type="checkbox"/>	
	APPR Approved	<input type="checkbox"/>	<input type="checkbox"/>	
	SUBM Submitted	<input type="checkbox"/>	<input type="checkbox"/>	
	SURR Surrendered	<input type="checkbox"/>	<input type="checkbox"/>	
	REJE Rejected	<input type="checkbox"/>	<input type="checkbox"/>	
	PENA Pending approval	<input type="checkbox"/>	<input type="checkbox"/>	
	PICK Pick Up	<input type="checkbox"/>	<input type="checkbox"/>	
	DROP Drop Off	<input type="checkbox"/>	<input type="checkbox"/>	
	INSP Inspected	<input type="checkbox"/>	<input type="checkbox"/>	
	RMVD Removed	<input type="checkbox"/>	<input type="checkbox"/>	
	RSEA Resealed	<input type="checkbox"/>	<input type="checkbox"/>	
4.3	Facility type attribute has the following values:			
	POTE Port terminal	<input type="checkbox"/>	<input type="checkbox"/>	
	DEPO Depot	<input type="checkbox"/>	<input type="checkbox"/>	
	CLOC Customer location	<input type="checkbox"/>	<input type="checkbox"/>	
	COFS Container freight station	<input type="checkbox"/>	<input type="checkbox"/>	

#	Checklist Statement	Confirmed	Not Confirmed	Comments
	INTE Inland terminal	<input type="checkbox"/>	<input type="checkbox"/>	
	PBST Pilot boarding station	<input type="checkbox"/>	<input type="checkbox"/>	
	BOCR Border crossing	<input type="checkbox"/>	<input type="checkbox"/>	
	COYA Container yard	<input type="checkbox"/>	<input type="checkbox"/>	
	OFFD Off Dock Storage	<input type="checkbox"/>	<input type="checkbox"/>	
	RAMP Ramp	<input type="checkbox"/>	<input type="checkbox"/>	
4.4	Transport Mode attribute has the following values:			
	Vessel	<input type="checkbox"/>	<input type="checkbox"/>	
	Barge	<input type="checkbox"/>	<input type="checkbox"/>	
	Truck	<input type="checkbox"/>	<input type="checkbox"/>	
	Rail	<input type="checkbox"/>	<input type="checkbox"/>	
4.5	Shipment Information type attribute has the following values:			
	TRD Transport document	<input type="checkbox"/>	<input type="checkbox"/>	
	BKG Booking	<input type="checkbox"/>	<input type="checkbox"/>	
	SHI Shipping Instructions	<input type="checkbox"/>	<input type="checkbox"/>	
	SRM Shipment Release Message	<input type="checkbox"/>	<input type="checkbox"/>	
	ARN Arrival Notice	<input type="checkbox"/>	<input type="checkbox"/>	
4.6	Empty Indicator type attribute has the following values:			

#	Checklist Statement	Confirmed	Not Confirmed	Comments
	EMPTY	<input type="checkbox"/>	<input type="checkbox"/>	
	LADEN	<input type="checkbox"/>	<input type="checkbox"/>	

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 3.2	<input type="checkbox"/>	<input type="checkbox"/>	
2	My data definitions are compatible with the DCSA T&T information model 3.2 data definitions	<input type="checkbox"/>	<input type="checkbox"/>	
3	My data types are compatible with the DCSA T&T information model 3.2 defined data types and external data sources (where applicable)	<input type="checkbox"/>	<input type="checkbox"/>	

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)	<input type="checkbox"/>	<input type="checkbox"/>	
2	My organisation's T&T API(s) allow(s) users (internal and external) to Subscribe to track and trace information for all shipments	<input type="checkbox"/>	<input type="checkbox"/>	

#	Checklist Statement	Confirmed	Not Confirmed	Comments
3	My organisation's T&T API(s) allow(s) users to Create, Update and Cancel a subscription	<input type="checkbox"/>	<input type="checkbox"/>	
4	My organisation's T&T API(s) is/are able to Publish track and trace information for all shipment(s)	<input type="checkbox"/>	<input type="checkbox"/>	
5	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	<input type="checkbox"/>	<input type="checkbox"/>	

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	<input type="checkbox"/>	<input type="checkbox"/>	
	GET /event-subscriptions returns all subscriptions	<input type="checkbox"/>	<input type="checkbox"/>	
	POST /event-subscriptions Creates a new subscription	<input type="checkbox"/>	<input type="checkbox"/>	
	GET /event-subscriptions/{subscriptionID} Fetches a specific subscription with ID={subscriptionID}	<input type="checkbox"/>	<input type="checkbox"/>	
	PUT /event-subscriptions/{subscriptionID} Updates a specific subscription with ID={subscriptionID}	<input type="checkbox"/>	<input type="checkbox"/>	
	DELETE /event-subscriptions/{subscriptionID} Deletes a specific subscription with ID={subscriptionID}	<input type="checkbox"/>	<input type="checkbox"/>	