

Orders Interface

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1 Orders Interface

! **Warning:** This is an incomplete guide.

An FTP process has been created to transfer Order information from a source system into **C-TMS**. The orders arrive in CSV files and are processed into **C-TMS** with errors being reported to a new **C-TMS** screen for manual administration by the users.

Interface Errors screen (a new tab will be added for each new interface).

The screenshot shows the 'Interface Errors' screen in C-TMS. The interface is titled 'Interface Errors' and includes tabs for 'Orders', 'EMTS Orders', 'LOGNET messages', 'DSG Bookings', 'DSG Trip Details', and 'POD Details'. The 'EMTS Orders' tab is selected. The main area displays a table with the following data:

Interface Id	Cost Centre	Customer	From Loc	To Loc	Sched Date	Early Avail	Late Avail	Early
RHE_110_A66_ORD0001	GK_ORDER							
RHE_110_A66_ORD0002	GK_ORDER							
RHE_110_A66_ORD0003	GK_ORDER	GKHOMEITRAI	EXELSTAN	BESTSOUT				
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					
TSORDCRHE_000_MTS[UNISON_ORD]	PZO	EXELWHT	P88175001					

Below the table, a message states: 'Order record CRHE_110_A66_ORD00023897221060504_1.btf is for MTS operation COPF.' A 'Text Line Validation Error' message is also present.

The Interfacing team should provide the interface data, extracting the necessary order data from the source system, constructing it into a **CSV** format consisting of a record header, order header and order detail or details lines and forward it to **C-TMS** where its arrival triggers an upload process. Each file contains exactly one order and is validated for structure on arrival to the server before invoking the appropriate **C-TMS** operation (DB) to process it.

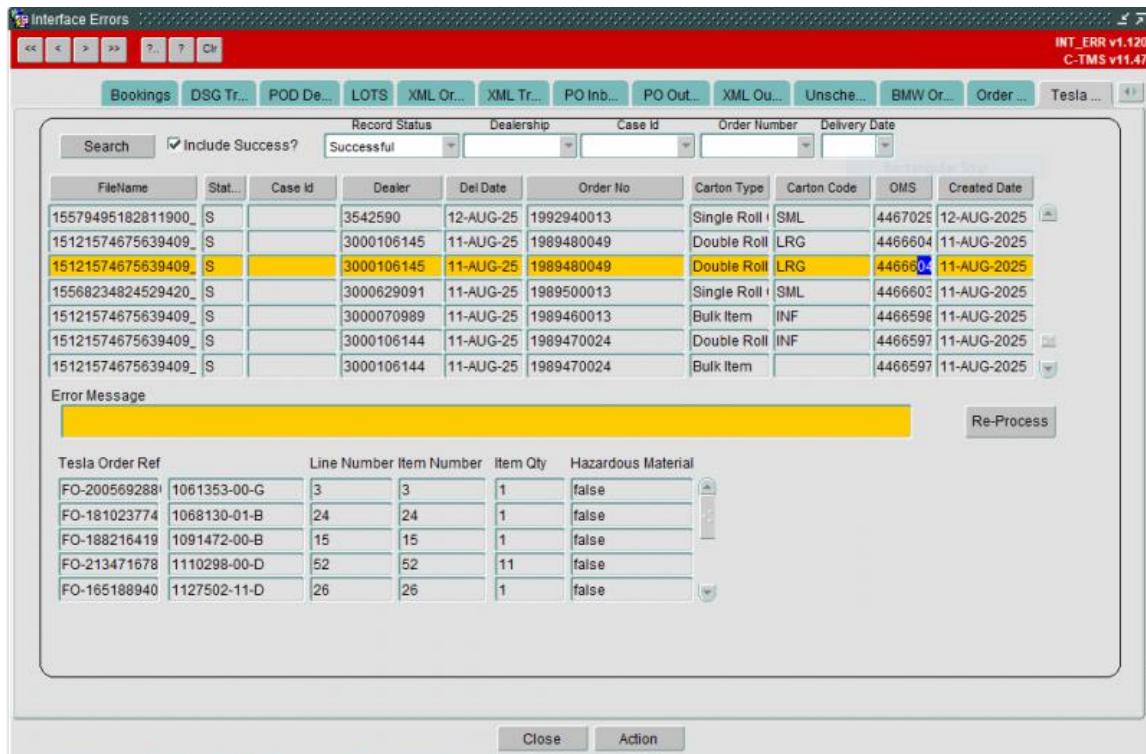
The interface is designed to be generic. **C-TMS** reads the header to determine the interface type before channelling it for processing. The **CSV** format is extracted into interface order header and interface order details tables. Errors during this upload halt processing and result in the error being written to the tables for viewing in the **C-TMS** Interface Errors screen. If successfully extracted, the order is validated for loading into the **C-TMS** orders tables. Errors are written to the interface table for viewing and the order is rolled back. Successes are committed to the orders tables and are available for normal **C-TMS** orders / trip processing etc.

The FTP interface is one way (from an external source to **C-TMS**). Errors displayed on the error screen are administered manually via contact between **C-TMS** and external systems and will either result in data changes or a resend of a corrected FTP file. The FTP file name is used as the interface identifier (int_record_id) enabling order records, interface table records and files to be traced back to their origins.

1.1 Tesla Orders Details

Tesla Orders EDI files can be managed through the Tesla Orders tab on the Interface Errors screen.





You can search using the header fields:

- Include Success - a checkbox - by default the screen only includes failures.
- All other criteria are drop-down lists:
 - ◆ Record Status
 - ◆ Dealership
 - ◆ Case Id
 - ◆ Order Number
 - ◆ Delivery Date

The screen displays:

- Filename
- Status - S or F
- Case Id
- Dealer
- Del Date
- Order No
- Carton Type
- Carton Code
- OMS
- Created Date

You can sort the results by any of these columns.

Select a record on this results table and further information will be shown below:

- Error message - any associated errors whilst processing the file
- Pallet/Case Details:
 - ◆ Tesla Order Number
 - ◆ Line Number
 - ◆ Item Number
 - ◆ Item Qty
 - ◆ Hazardous Material - indicator whether the material is hazardous.

If the record is failed, you can reprocess it with the **Re-Process** button.



1.1.1 LogiNext Details

This tab shows the interface messages and details of any messages to LogiNext systems.

Trip Id	Oms Ref	Event Type	Status	Created Date
FIX-00026839	2051672	P2P	ACK	05/11/2024 14:02
FIX-00026839	2051673	P2P	ACK	05/11/2024 14:02
FIX-00026794		TRP	ACK	05/11/2024 13:52
FIX-00026794	2051494	P2P	ACK	05/11/2024 13:52
FIX-00026794	2051492	P2P	ACK	05/11/2024 13:52

Request

```
[{"orderNo": "FIX-00026839 2051672", "shipmentOrderTypeCd": "DELIVER", "orderState": "FORWARD", "distributionCenter": "DHLVN", "packageWeight": "0", "packageVolume": "1.3", "serviceType": "Standard", "paymentType": "COD", "numberOfItems": "1", "partialDeliveryAllowedFl": "Y", "returnAllowedFl": "Y", "cancellationAllowedFl": "Y", "deliverServiceTime": "11"}]
```

Response

The screen will display the details of all records from the new LogiNext audit detail described above.

You can filter the search using the search criteria in the top of the tab page and clicking **Search**.

You can reprocess the currently highlighted record by pressing the **Reprocess** button, this will then invoke the reprocessing function

Only failed outbound messages will be available to be reprocessed and an error will be shown if any other type of record is selected for reprocessing.

 **Note:** You will not be able to edit data in this screen any errors with trips should be rectified in the planning screen.

