

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).

Interface Id	Cost Centre	Customer	From Loc	To Loc	Sched Date	Early Avail	Late Avail	Early
RHE_110_A66_ORD001	GK_ORDER							
RHE_110_A66_ORD001	GK_ORDER							
RHE_110_A66_ORD001	GK_ORDER	GKHOMETRAI	EXELSTAN	BESTSOUT				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				
ISORDCRHE_000_MTE_UNISON_ORD		PZC	EXELWHIT	P88175001				

Include Duplicate Order records ? ☐

Interface Validation Error

ORDER interface record CRHE_110_A66_ORD0023897221060504_1.txt is for MTS operation COFF.

Line No	Product Type	Du Type	Quantity	Qty In Cases	Weight	Cube

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.



The screenshot shows the 'Interface Errors' window. At the top, there are navigation buttons: '<<', '<', '>', '>>', '?', '?', and 'Ctrl'. The title bar indicates 'INT_ERR v1.120' and 'C-TMS v11.47'. Below the title bar is a menu bar with options: Bookings, DSG Tr..., POD De..., LOTS, XML Or..., XML Tr..., PO Inb..., PO Out..., XML Ou..., Unsche..., BMW Or..., Order..., and Tesla ...

The main area contains a search section with a 'Search' button and a checked 'Include Success?' checkbox. Below this are dropdown menus for 'Record Status' (set to 'Successful'), 'Dealership', 'Case Id', 'Order Number', and 'Delivery Date'. The search results are displayed in a table with the following columns: FileName, Stat..., Case Id, Dealer, Del Date, Order No, Carton Type, Carton Code, OMS, and Created Date.

FileName	Stat...	Case Id	Dealer	Del Date	Order No	Carton Type	Carton Code	OMS	Created Date
15579495182811900_	S		3542590	12-AUG-25	1992940013	Single Roll	SML	4467025	12-AUG-2025
15121574675639409_	S		3000106145	11-AUG-25	1989480049	Double Roll	LRG	4466604	11-AUG-2025
15121574675639409_	S		3000106145	11-AUG-25	1989480049	Double Roll	LRG	4466604	11-AUG-2025
15568234824529420_	S		3000629091	11-AUG-25	1989500013	Single Roll	SML	4466603	11-AUG-2025
15121574675639409_	S		3000070989	11-AUG-25	1989460013	Bulk Item	INF	4466596	11-AUG-2025
15121574675639409_	S		3000106144	11-AUG-25	1989470024	Double Roll	INF	4466597	11-AUG-2025
15121574675639409_	S		3000106144	11-AUG-25	1989470024	Bulk Item		4466597	11-AUG-2025

Below the table is an 'Error Message' section with a yellow background and a 'Re-Process' button. At the bottom, there are 'Close' and 'Action' buttons.

The detailed view at the bottom shows the following data:

Tesla Order Ref	Line Number	Item Number	Item Qty	Hazardous Material	
FO-200569288	1061353-00-G	3	3	1	false
FO-181023774	1068130-01-B	24	24	1	false
FO-188216419	1091472-00-B	15	15	1	false
FO-213471678	1110298-00-D	52	52	11	false
FO-165188940	1127502-11-D	26	26	1	false

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.

The screenshot shows the 'Interface Errors' window with the following components:

- Navigation Bar:** Includes buttons for PO Clk, Carri..., XML Se..., BMW Or..., EDI Audit, Epod A..., Order..., BNL Or..., Debie..., TMS-WM..., WMS-TM..., Web Se..., Tesla..., and Logine....
- Search Fields:** Trip Id, Oms Ref, Event Type, Status, and Created Date, with Search and Reprocess buttons.
- Table:**

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/Response Area:**
 - 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:** (Empty)
- Buttons:** Close and Action.

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.

