

## CF-3PI (COMMANDfleet Third Party Integration)

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### Description

This package provides an XML interface between COMMANDseries and a Vehicle Tracking System consisting of third party software and signaling units (systems other than COMMANDsignal and Trimble) that adhere to the protocol defined in the Third Party Signaling XML Interface Specification. This package also includes COMMANDfleet with CSIS (CS-FLEET) vehicle data collection tool and provides an interface between COMMANDseries and mapping software allowing for map order entry and map truck tracking.

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### Features

#### COMMANDfleet Vehicle Data Collection Tool:

- COMMANDfleet Message and Events module, Diagnostics module, Mapping module, Water Added Inquiry module and COMMANDseries Integration Server components.
- Reference CS-FLEET for further details.

#### Vehicle Tracking System Interface:

- Allows truck-mounted signaling units to communicate directly with COMMANDseries Truck Tracking (CC-TT or CA-TT)
- Incoming status messages, whether manually or automatically triggered, cause the trucks to move automatically on the Truck Tracking screen without any action by the dispatcher
- Messages from the truck, such as "flat tire," along with truck number will appear on the Truck Tracking color screen
- In-coming statuses or messages can be "mapped" into the Truck Tracking system to correspond to the sending unit
- Special flags, colors, or audio files can be displayed or activated upon reception
- Text or "canned" messages may also be transmitted back to a truck's signaling units directly from the dispatcher's truck tracking screen, if permitted by the third party signaling system
- Allows automatic triggering and transmission of delivery statuses from the truck signaling units based on the availability of GPS on the truck, drum rotation sensors on the truck, and "Load Event" software on the batch control system.

#### Order Entry & Truck Tracking Interface to Mapping Software:

- Allows a street address or a place to be located as part of the standard order entry process
  - Displays pre-entered geographic locations such as batch loading plants or large project delivery sites
  - Identify best route to a job
  - The displayed route and map can be printed on an inkjet printer
  - Captures the latitude and longitude of the location to automatically identify the map page
  - Pulls correct address from map into order entry
  - Stores geographic data with the order record
  - Interfaces with GPS-equipped trucks
  - Quickly identify the exact location of any selected truck or all trucks on a job or project right from the tracking screen
  - Supports multiple map interfaces, including Microsoft MapPoint and COMMANDfleet.
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### Prerequisites

- See CS-FLEET for details on prerequisites related to COMMANDfleet with CSIS
  - Order Entry and Ticketing (CC-OE or CA-OE)
  - Truck Tracking (CC-TT or CA-TT)
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**Notes**

- Limitations apply on continued development of this signaling interface.
- Additional CS-FLEET may be required based on signaling system server configuration
- See CS-FLEET for additional notes related to COMMANDfleet with CSIS
- Maps sold separately and must adhere to Command Alkon interface protocol
- For Vehicle Tracking System Integration only one of the following packages is needed, based on your desired configuration:
  - o CS-VTI - CS Vehicle Tracking System Serial Integration
  - o CS-3VTI - CS 3<sup>rd</sup> Party Vehicle Tracking System Serial Integration
  - o CF-TI - COMMANDfleet Trimble Integration
  - o CF-VSCI - COMMANDfleet VSC Integration
  - o CF-3PI - COMMANDfleet Third Party Integration

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