

# Truck Movements

- Enables efficient traffic management automatically assigning bay queue on arrival.
- Maintain accurate blend percentages regardless of interruptions.
- Adjusts to the demands of the terminal.
- Avoid traffic congestion inside terminal.
- Ensures terminal security by providing secured driver access.



## Introduction

Syncade Logistics Truck Movements helps you achieve efficient, accurate, safe, and secure deliveries of materials for both manned and unmanned terminals. The Truck Movements module is specifically designed for demanding terminal requirements, providing the Terminal Operator with a complete overview of the terminal to enable monitoring of all activities from the entry gates to the gantries. All trip events are time-stamped and archived, which is then used to audit truck trip performance to measure and compare against expected standards.

## Efficient Terminal Management

**Automatic Bay Queue Assignment.** Truck traffic is automatically controlled by keeping count of number of trucks inside the terminal. Trucks are automatically assigned to appropriate bay queues, eliminating any guessing by truck drivers and resulting in maximized asset utilization.

**Reduce Losses.** The Truck Movements module minimizes losses and increases accountability for unpreventable losses caused by blends being out of specifications, resulting in dumping of loads in slop tanks. Each load is accurately managed to meet the exact blend percentages every time.

**Improve Throughput.** Ensure you are using your terminal assets efficiently. Planners can schedule trips in advance, as well as book daily time slots. With the online scheduling interface, schedule disruptions can be easily reconciled to ensure that drivers aren't sitting around when there is an available gantry.

**Enhance Material Tracking.** Verify and validate material movement during loading and unloading. Once a material is stored in a compartment it is important to keep track before authorizing the next load. This helps avoid mixing different material types and contaminating a compartment. The audit trail function ensures that transactional data is recorded so that you can ensure quality of material. Then automatically generate a Bill of Lading, reducing the amount of wait time before departure.

**Improve Security.** Security is an absolute necessity for terminals, which often can run unmanned to enable 24/7 operation. The Truck Movements module provides tight control of access to the physical facility and to materials that are being moved through controlled access and valid driver and truck identification, including card, biometric, and RFID access controls.

**Automate Administrative Functions.** By automating data collection, physical operation activities to support accounting, billing, and reconciliation, you can free up your personnel to participate in more high value functions. You ensure data and billing accuracy, while enabling your personnel to be more productive.



## Improve Operations

- **Order Management.** Orders can be created in Syncade or downloaded from your ERP system. Orders can have multiple lines dedicated to each compartment. In addition, materials can be split across multiple compartments with full traceability. Report order states to the ERP system as needed to support your business rules.
- **Planning & Scheduling.** Master data in the system helps the planner choose the best gantry for the movement. Orders can be scheduled and bays can be automatically assigned to maximize usage of asset. The module alerts the planner to any overlapping of resources.
- **Materials and Stock Management.** Customer stock in tank is checked before any movement is authorized. Material in and out of a tank is accurately managed.
- **Schedule Transaction and Report Communications.** Deliver reports and Bills of Lading to your third party customers in real-time through email scheduling in your preferred data format.
- **Co-mingle Stock.** Multiple customer stock of the same type can reside in the same tank and can be identified by its own parcel. This can also extend into multiple tanks, defined as one virtual tank.
- **Reconciliation of Stock.** Automatic end of day reconciliation of actual inventory to book inventory.
- **Configurable ERP Connectivity.** ERP integration allows you to extend database fields by adding “additional properties” to interface with any business systems.
- **Data Historian.** The historian ensures that your data is secured and available for future reprint or review.
- **Audit Trail, Alarm, and Event Logging.** Access to complete trip events, transactions and performance assist in asset utilization and process optimization.
- **User Secured.** Syncade’s standard user permissions and audit trails provide both security and regulatory compliance.



## System Requirements

Please contact your local sales office for a current copy of the Logistics Applications System Requirements document for detailed system specifications and compatibility information.

Real-time data helps analyze trip performance and asset utilization.

## Ordering Information

Description	Model Number
Control Room (CR) Advanced	SY1001
Modality Truck and Railcar Advanced	SY1004
Modality Truck and Railcar Experience	SY1005
Modality Truck and Railcar Professional	SY1010

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