# Transportation Management System Capability Guide

# Capability Guide

The TMS solution is ideal for two usage scenarios:

- if you are a Shipper company that manages the transportation process of its sales (and purchase) orders and uses either its own transport with its drivers or hires, as well as uses third-party carriers.

- if you are a Logistic Service Provider (LSP) whose business involves the delivery of third-party goods, managing the transportation process and may also have its own fleet of vehicles and drivers or utilize services of third-party carriers. In this scenario, the mechanism for cost control and transparency in the invoicing process for transportation is crucial.

# Capability Guide. Features

## Key Features

- Order Management
- Fleet Management
- Carrier Management
- Driver Management
- Multi-stage transportation
- LTL / Shared Truckload
- Billing & Invoicing
- Settlement
- Routing

- Microsoft Dynamics 365 Business Central Technological Platform
- Seamless integration with Business Central functionality (Finance, Bank, Payments, Sales, Purchase modules)
- Google MAPs
- Rest API for External Systems
- Power BI Integration

# Capability Guide. How it works

Core entities of the TMS module ensure flexibility in implementing any transportation model.

## Forwarding Order

The central document in TMS, it is a request for transportation from either an external client or the company itself. It specifies WHAT needs to be transported, where to pick up and deliver the item(s), identifies the shipper and consignee, outlines the logistic units being shipped, the relevant dates, and who will cover the costs, etc.

It answers the question: what will be transported.

## Logistic Units

Logistics unit is an item of any composition intended for transportation. Logistic units take many forms: a single box containing a limited number of products, a pallet with multiple products, or an intermodal container containing multiple pallets.
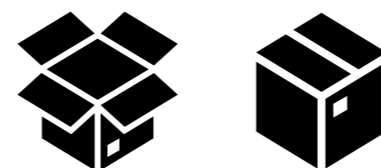
This unites two documents.
To deliver something, we must package it.

## Freight Order

This document details HOW the transportation will be executed, indicating who will actually carry it out. It specifies the carrier and the driver involved. The Freight Order reflects the actual journey of a truck or carrier.

It answers the question: how will it be transported.

# Transportation Management System Capability Guide

## Supported TMS operation scenarios

# Capability Guide. Shipper Scenario

Delivery of a single order by one truck. TMS facilitates the transfer of a sales order to delivery by creating a Forwarding Order directly from the sales order and managing the transportation (with either own drivers or third-party carriers) using the Freight Order document.

Sales Order

Forwarding Order

Freight Order

Business Central

TMS Extension Functionality

Actual carrier
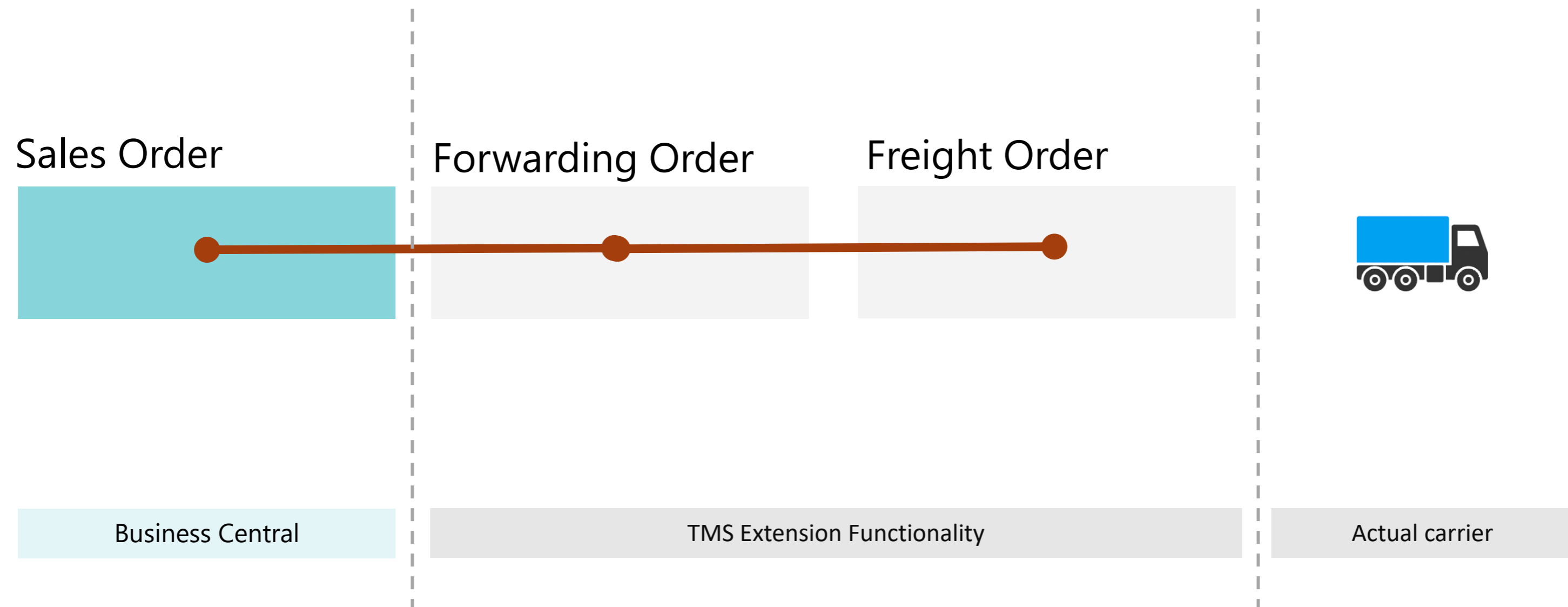
# Capability Guide. Shipper Scenario

Delivery of a large order by multiple carriers or trucks. TMS enables the transfer of a large sales order for transportation by creating a Forwarding Order and generating as many Freight Orders as needed to deliver the large sales order.
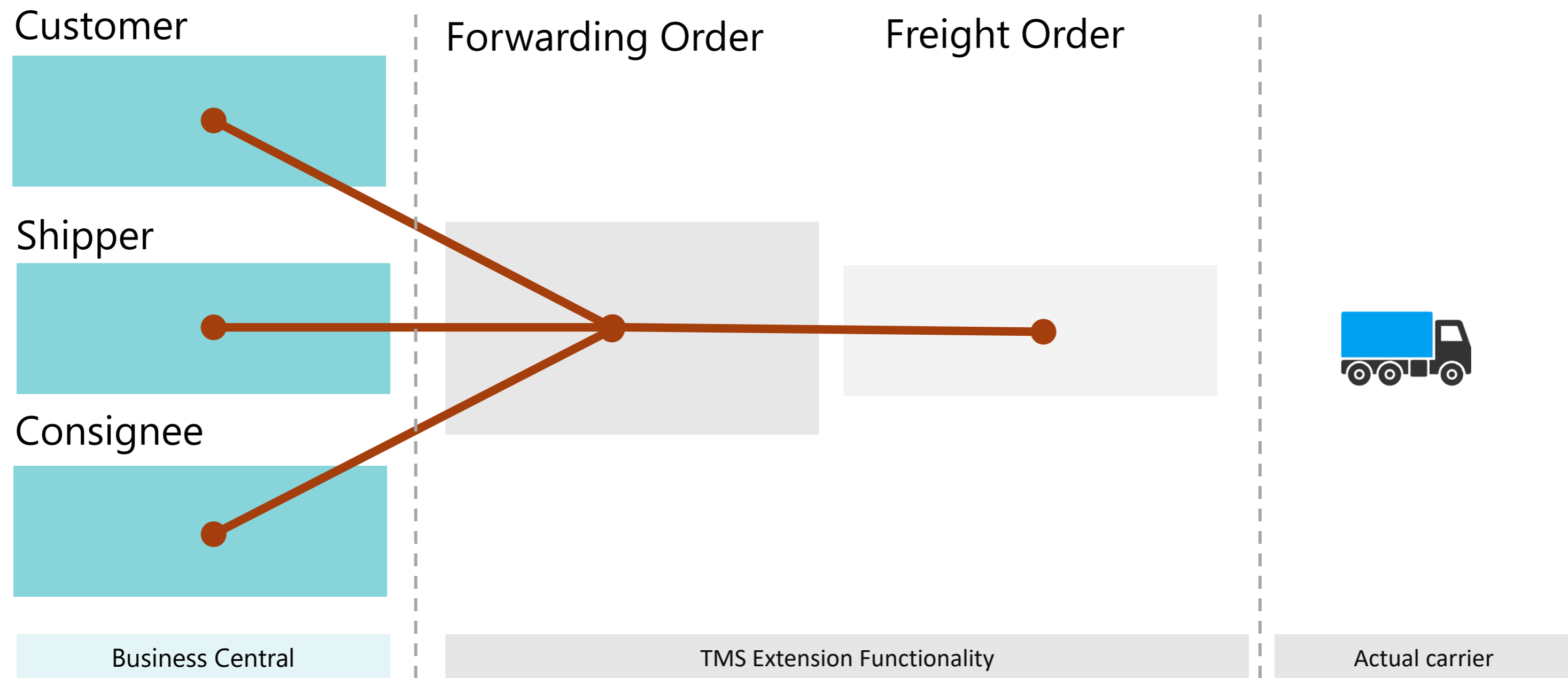


| Sales Order | Forwarding Order | Freight Order | |
|---|---|---|---|

| Business Central | TMS Extension Functionality | Actual carriers |
|---|---|---|

# Capability Guide. Shipper Scenario

Organization of delivery for multiple orders by one truck or carrier. TMS employs tools such as Freight Load Management for distributing sales orders among trucks, considering weight and volume limitations.

Sales Order | Forwarding Order | Freight Order
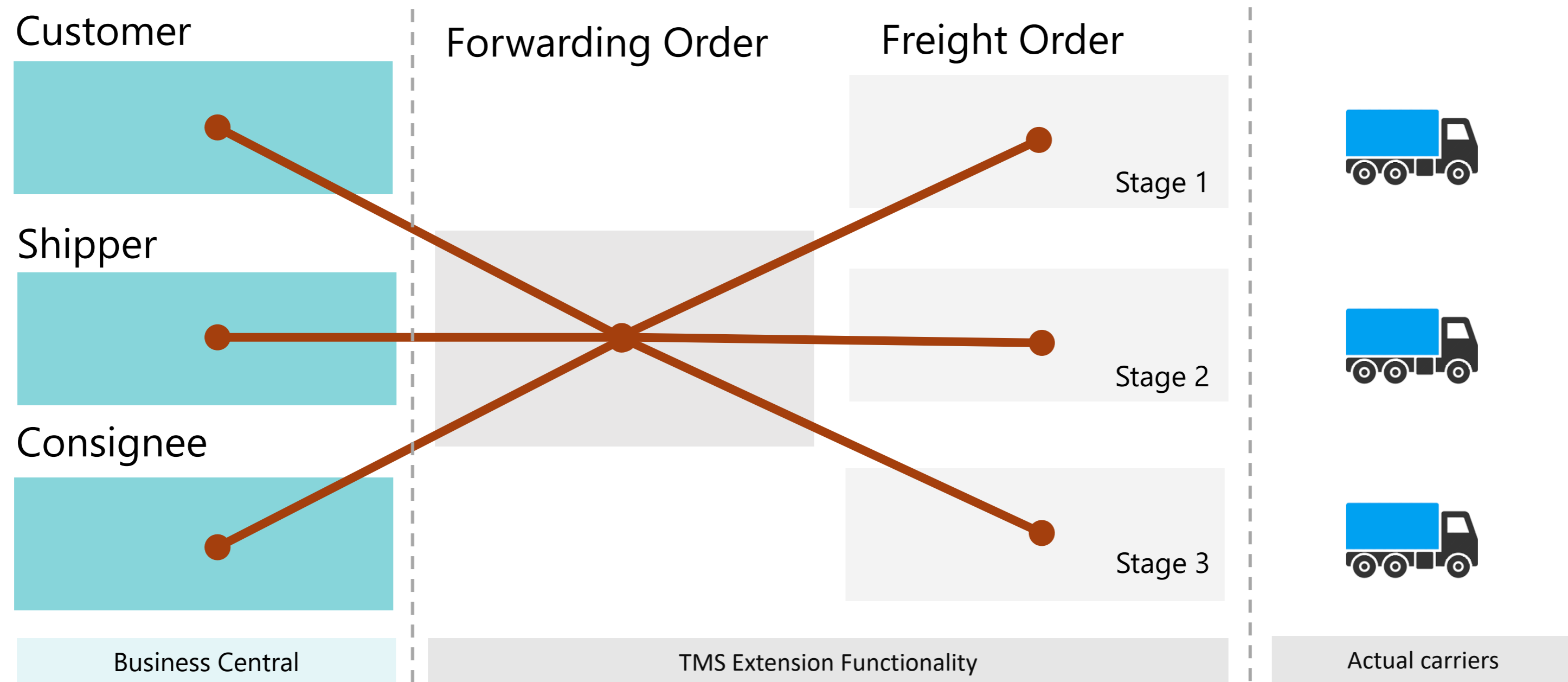


Business Central | TMS Extension Functionality | Actual carrier
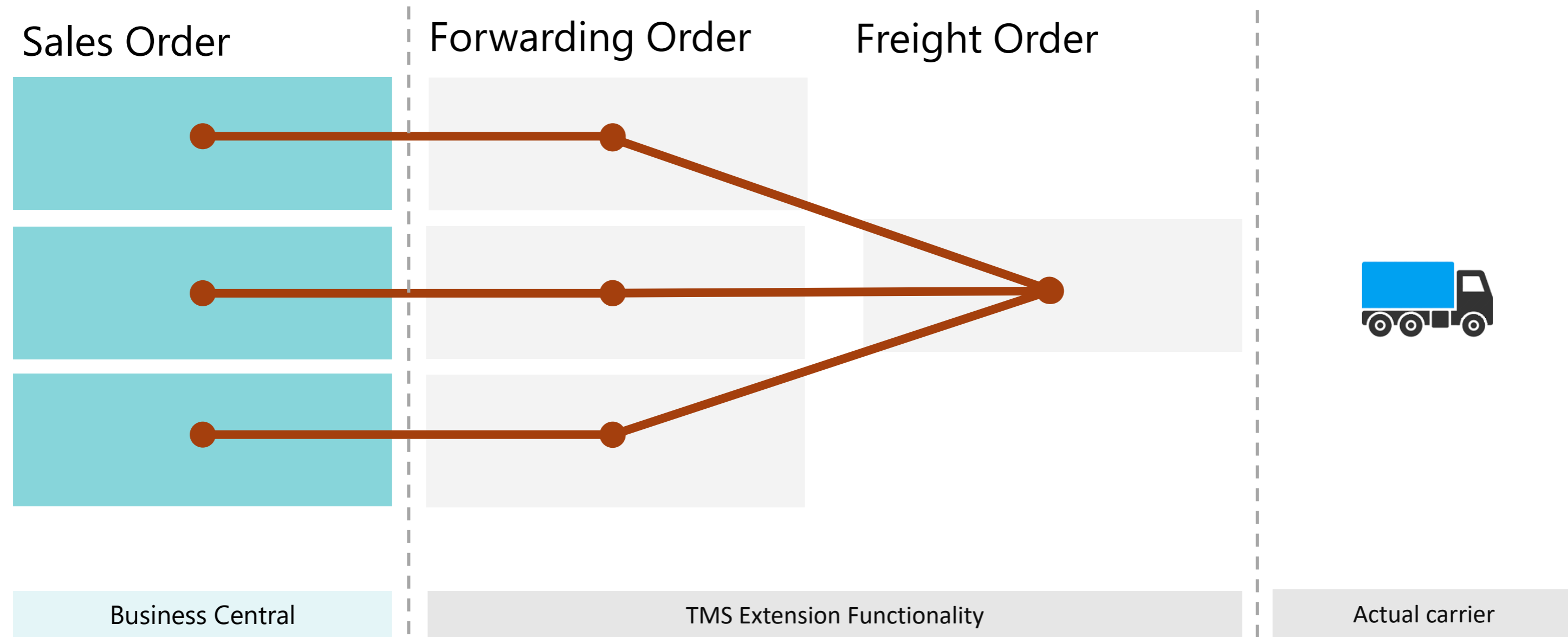
# Capability Guide. LSP Scenario

Management of the client cargo delivery process using own or leased transportation from other carriers. TMS enables the establishment of a business process for logistics companies that manage the transportation of their clients' cargo.

Customer

Shipper

Consignee

Forwarding Order

Freight Order

| Business Central | TMS Extension Functionality | Actual carrier |

# Capability Guide. LSP Scenario

Organization of multi-stage, multi-step transportation. TMS facilitates the division of complex transportation processes into stages, with each stage or leg being executed by a separate carrier. It also allows for the monitoring of revenues and expenses within a unified transportation process.



Customer

Shipper

Consignee

Forwarding Order

Freight Order

Stage 1

Stage 2

Stage 3

Business Central

TMS Extension Functionality

Actual carriers

# Capability Guide. LSP Scenario

Organization of multi-stage, multi-step transportation. TMS enables the planning of stages, their loading and unloading dates in relation to each other, setting and monitoring the transportation time for the entire process and each stage individually.
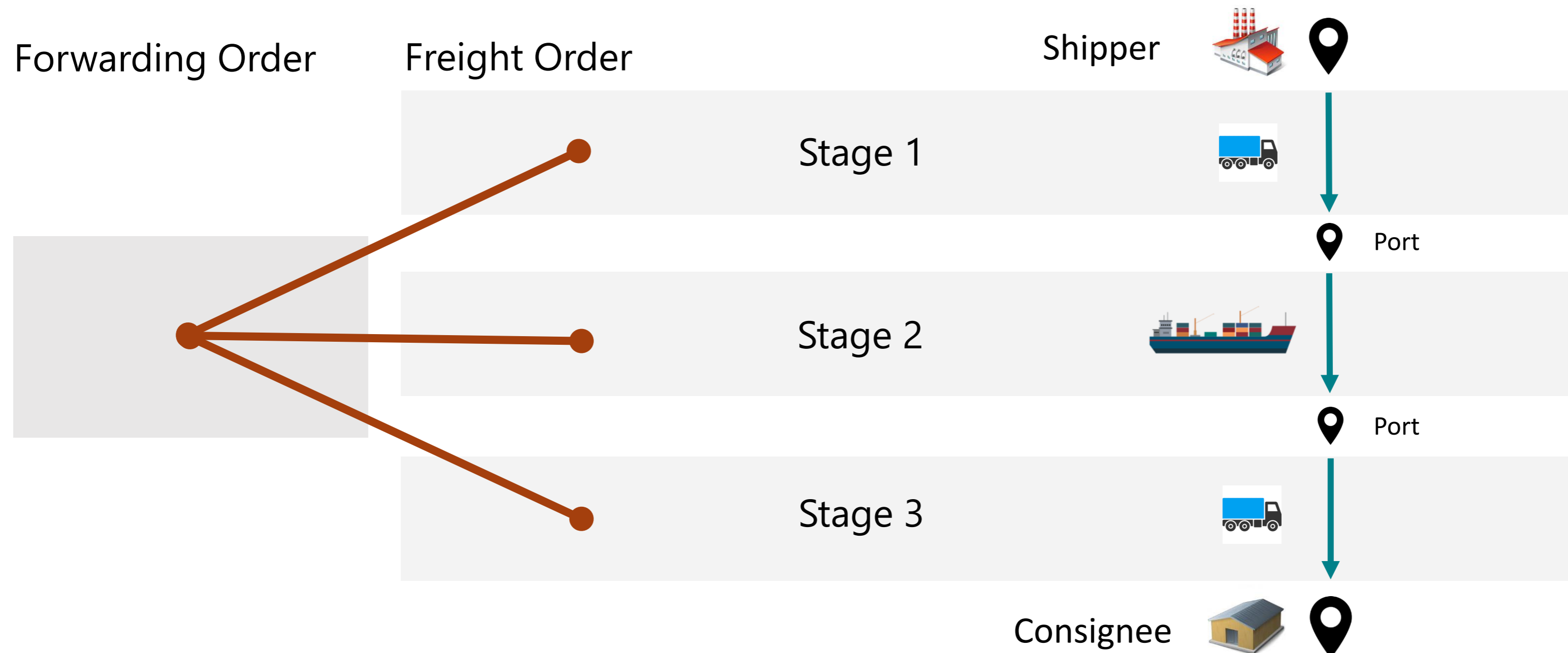
Forwarding Order

Freight Order

Shipper

Stage 1

Port

Stage 2

Port

Stage 3

Consignee

# Transportation Management System Capability Guide

# Forwarding Order

# Capability Guide. Forwarding Order

Request for transportation from either an external client or the company itself. It specifies WHAT needs to be transported, where to pick up and deliver the item(s), identifies the shipper and consignee, outlines the logistic units being shipped, the relevant dates, and who will cover the costs, etc.

General information concerning the document and its references to other systems.

The document status system allows for the formalization of the processing procedure in accordance with the business process adopted by the company.

Detailing and history of interactions with clients ordering this transportation.



Information about the client who ordered the transportation. This could be a client or the company itself if it is organizing the transportation. If the ordering party is a client, an invoice for the transportation is issued in the selected currency.

# Capability Guide. Forwarding Order

Request for transportation from either an external client or the company itself. It specifies WHAT needs to be transported, where to pick up and deliver the item(s), identifies the shipper and consignee, outlines the logistic units being shipped, the relevant dates, and who will cover the costs, etc.

Detailed information about the shipper and consignee. These can be customer, vendor, and contacts within the Business Central system, with the option for adjustments in this order.

Setting the requested and promised dates for cargo pickup and delivery.

Expand the information block to obtain detailed information or make adjustments.

Display of this address on the map using TMS.



Forwarding Order (TMS)
√ Saved

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Home    Logistic Units    Print/Send    Invoicing    Navigate    More options

Shipper & Consignee                                                Show more

| Shipper | | Consignee | |
|---|---|---|---|
| Shipper Type | Customer | Consignee Type | Customer |
| Shipper No. | 30000 | Consignee No. | C00020 |
| Shipper Name | School of Fine Art | Consignee Name | Adatum Corporation |
| Load Address Code | | Unload Address Code | |
| Load Address | 10 High Tower Green | Unload Address | Station Road, 21 |
| Load Address, City | Miami | Unload Address, City | Cambridge |
| Shipper Notes | | Consignee Notes | |

Show on Map                                                        Show on Map

Plan

| Start | | End | |
|---|---|---|---|
| Requested Pick-up Datetime | | Requested Delivery Datetime | |
| Planned Start Datetime | | Planned End Datetime | |
| Actual Start Date | | Actual End Date | |

Details    Attachments (0)

**Order Party Detail**

| Order Party Type | Customer |
|---|---|
| Order Party No. | C00020 |
| Order Party Name | Adatum Corporation |
| Balance | 12,296.40 |
| Credit Limit | 100,000.00 |

**Invoicing Detail** ⌄

| Ongoing Invoices | 11 |
|---|---|
| Ongoing Invoices by FWO | 1 |
| Invoices Amount Inc. VAT (LCY) | 6,000.00 |
| Invoices VAT Amount (LCY) | 1,000.00 |
| FWO Amount (LCY) | 5,000.00 |
| FWO Profit Amount (LCY) | 2,351.18 |

**Posted Information**

| Invoiced Amount | 0.00 |
|---|---|
| Currency Code | – |
| Paid % | 0.00 |

# Capability Guide. Forwarding Order

Request for transportation from either an external client or the company itself. It specifies WHAT needs to be transported, where to pick up and deliver the item(s), identifies the shipper and consignee, outlines the logistic units being shipped, the relevant dates, and who will cover the costs, etc.

Content to be transported. The content may include: goods, logistic units, types of logistic units, or products. Products refer to the TMS system's cargo type directory. If the transportation order is created from a sales order, the goods from the sales order will be copied into the Forwarding Order.

Created logistic units. SSCC, Containers. TMS enables the packaging of transported goods into pallets, boxes, or containers. These logistic units are then transferred to the Freight Order for transportation execution.



Forwarding Order (TMS)

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Home   Logistic Units   Print/Send   Invoicing   Navigate   More options

Lines | Manage   Line

New Line    Delete Line

| Type | No. | Description | Freight Class | Quantity | Unit of Measure Code | Gross Weight per Unit of Measure | Weight Unit of Measure |
|------|-----|-------------|---------------|----------|----------------------|----------------------------------|------------------------|
| Unit Type | C40DC | 40' Dry freight container | | 1.00 | | 10,000 | KG |

Total Gross Weight (kg) ........ 10,000.00     Total Volume (m³) ........ 67.62
Total Chargeable Weight (kg) ... 10,000.00     Number of Packages ........ 1

### Logistic Units

| No. ↑ | Description | SSCC | Type Code | Parent Unit No. | Content Volume (Base) (m³) | Weight (Base) (kg) | Volume (Bas (m |
|-------|-------------|------|-----------|-----------------|----------------------------|--------------------|-----------------|
| | | | (There is nothing to show in this view) | | | | |

ⓘ Details   📎 Attachments (0)

**Order Party Detail**

| Order Party Type | Customer |
|------------------|----------|
| Order Party No. | C00020 |
| Order Party Name | Adatum Corporation |
| Balance | 12,296.40 |
| Credit Limit | 100,000.00 |

**Invoicing Detail** ⌄

| Ongoing Invoices | 11 |
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| Invoices Amount Inc. VAT (LCY) | 6,000.00 |
| Invoices VAT Amount (LCY) | 1,000.00 |
| FWO Amount (LCY) | 5,000.00 |
| FWO Profit Amount (LCY) | 2,351.18 |

**Posted Information**

| Invoiced Amount | 0.00 |
|-----------------|------|
| Currency Code | – |
| Paid % | 0.00 |

# Capability Guide. Forwarding Order

Request for transportation from either an external client or the company itself. It specifies WHAT needs to be transported, where to pick up and deliver the item(s), identifies the shipper and consignee, outlines the logistic units being shipped, the relevant dates, and who will cover the costs, etc.

Any set of transportation process steps can be specified using stage profiles. This could include single-stage delivery as well as multi-stage cross-border transportation.

Process of reconciling and finalizing all financial transactions associated with a particular transportation.

Transportation Profitability Assessment. TMS operates with vendors in any currency.

# Capability Guide. Forwarding Order

The TMS attachment control system allows for the configuration of types of documents to be attached, such as CMR, AWM, Bill of Lading, Proof of Delivery, and assigns this type at the time of file upload. This enables the verification that all necessary documents are collected throughout the transportation process.



List of transportation processes (Forwarding Orders).

Controlled document types.

Number of attachments.

| No. ↑ | Post... | Ordering Party Name | Document Date | Status Code | Posting Date | Type | Attachments | Invoice | CMR | Custom Decl | AWB |
|-------|---------|---------------------|---------------|-------------|--------------|------|-------------|---------|-----|-------------|-----|
| DLV.00001 | ☐ | Trey Research | 1/27/2023 | 1.NEW | 1/27/2023 | DELIVERY | 1 | _ | 1 | 1 | _ |
| DLV.00004 | ☐ | Expeditor | 1/31/2023 | 1.NEW | 1/31/2023 | DELIVERY | _ | _ | _ | _ | _ |
| DLV.00005 | ☐ | Expeditor | 1/31/2023 | 2.CONFIRM... | 1/31/2023 | MULTILOAD2 | _ | _ | _ | _ | _ |
| DLV.00006 | ☐ | Expeditor | 1/31/2023 | 2.CONFIRM... | 1/25/2023 | MULTILOAD2 | _ | _ | _ | _ | _ |
| DLV.00007 | ☐ | Expeditor | 1/31/2023 | 2.CONFIRM... | 1/31/2023 | MULTILOAD2 | 4 | _ | 2 | 4 | 1 |
| DLV.00009 | ☐ | Expeditor | 1/31/2023 | 2.CONFIRM... | 1/31/2023 | MULTILOAD2 | _ | _ | _ | _ | _ |

# Transportation Management System Capability Guide

# Freight Order

# Capability Guide. Freight Order

This document details HOW the transportation will be executed, indicating who will actually carry it out. It specifies the carrier and the driver involved. The Freight Order reflects the actual truck run or side carrier.

General parameters and links to external systems.

Details on the loading process, including gate assignment, priority, date, and time.

Who we will be paying for the transportation, TMS allows specifying the carrier who will perform the transportation and the vendor to whom we will be paying, for example, this could be a carrier's agent.

Route number, an important parameter if there are restrictions on using certain trucks only on specific routes. The route number can also be used for grouping orders by customer addresses.



Freight Order (TMS)

## FO-00026

Home    Print/Send    Navigate    More options

### General
Show less

| No. | FO-00026 | Freight Order Type | FO |
| External Tracking Number | RT | Status Code | 1.PLAN |
| Flight Number | | Loading Bay | |
| Document Date | 11/24/2022 | Load Priority | 8 |
| Posting Date | | Load Date And Time | 8/15/2023 11:00 PM |
| Comment | | Route No. | 070-001 |

### Pay-to
Show less

| Pay-to Vendor No. | | Payment Terms Code | |
| Pay-to Vendor Name | | Cost Amount (Expected) | 0.00 |
| House Waybill | | Currency Code | |
| VAT Registration No. | | | |

# Capability Guide. Freight Order

This document details HOW the transportation will be executed, indicating who will actually carry it out. It specifies the carrier and the driver involved. The Freight Order reflects the actual truck run or side carrier.

Information on the actual carrier, which could be our own logistics or leased.

Information on the driver and truck.



Freight Order (TMS)

## FO-00026

Home    Print/Send    Navigate    More options

### Carrier                                                                Show less

| | | | |
|---|---|---|---|
| Carrier No. | OWN LOG. | Tracking Information | |
| Carrier Name | Own Logistics | Master Waybill | |
| Carrier Name 2 | | Consol Number | |
| Mode of Transport | ROAD | Freight Agreement No. | |

### Vehicle and Driver                                                     Show less

**Vehicle**

| | |
|---|---|
| Vehicle No. | KENWORTH |
| Vehicle Name | Kenworth C509 |
| Vehicle Unit Type Code | BIG_TRUCK |
| Vehicle Unit Type Description | |
| Footage | 0.00 |
| Internal Volume | 0.00 |
| Payload Weight | 3,000.00 |
| Temperature | 0.00 |

**Driver**

| | |
|---|---|
| Driver No. | EH |
| Driver Name | EHENDERSON |

Saved

# Capability Guide. Freight Order

This document details HOW the transportation will be executed, indicating who will actually carry it out. It specifies the carrier and the driver involved. The Freight Order reflects the actual truck run or side carrier.

From Location is the Map Location of the corresponding address, in this case, the company's warehouse address. Duration and distance are calculated by the Google Maps service.

The content of the Freight Order is the route, i.e., the list of Forwarding Orders in order of priority. Each stage of this route has initial and final Map Locations, start time, duration, and an estimated distance assessed using the Google Maps engine.



List of logistic units (pallets, containers, boxes) that will be delivered by this Freight Order.

Priority - the sequence of order delivery can be set manually or by using an optimization mechanism to find the optimal sequence, minimizing either the distance or the delivery time.

# Capability Guide. Freight Order

Freight Order includes a tool for optimal route creation by identifying the shortest total distance or delivery time.

# Capability Guide. Freight Order

Expense control/charges in Freight Order.

TMS enables the allocation of transportation-related costs (carrier's bill) to the orders delivered within that specific transportation. Costs can be distributed based on the weight of orders, number of logistic units, evenly, or arbitrarily.

Costs distributed across Forwarding Orders

# Transportation Management System Capability Guide

# Freight Load Management

# Capability Guide. Freight Load Management

Freight Load Management is a tool for planning and managing the distribution of orders among trucks. It facilitates resource need assessment, truck reservation for orders, and dispatching of leased transportation.
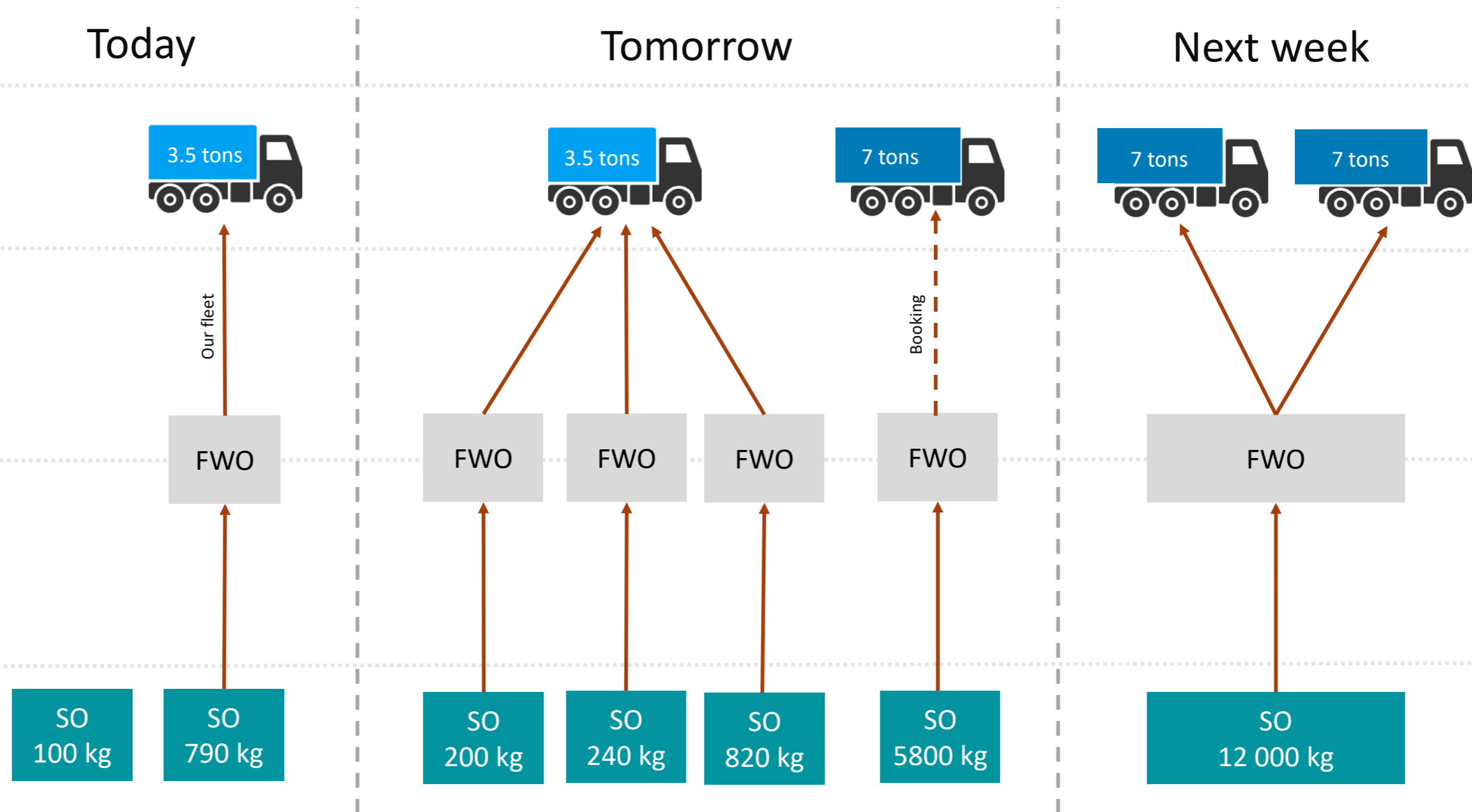
| Schedule | Today | Tomorrow | Next week |
|---|---|---|---|

**Truck trips**
**Freight Orders**

| 3.5 tons | 3.5 tons | 7 tons | 7 tons | 7 tons |

Our fleet

Booking

**Transportation is planned for the orders**

| FWO | FWO | FWO | FWO | FWO | FWO |

**Ready for delivery**
**Forwarding Orders**

**List of orders to be delivered**
**Sales Orders (SO)**

| SO 100 kg | SO 790 kg | SO 200 kg | SO 240 kg | SO 820 kg | SO 5800 kg | SO 12 000 kg |

# Capability Guide. Freight Load Management

Freight Load Management is a tool for planning and managing the distribution of orders among trucks. It facilitates resource need assessment, truck reservation for orders, and dispatching of leased transportation.

Load monitoring, specifying where, when, at what time, and with what priority the loading will be conducted, etc.

Transferring transportation orders between trucks or removing them from a truck.

Planning Window. The period within which we conduct planning.

List of Freight Orders (trucks) within the selected period among which order distribution is conducted.

Contents of the selected Freight Order, i.e., the list of Forwarding Orders that will be delivered by this Freight Order (truck).

# Capability Guide. Freight Load Management

Freight Load Management is a tool for planning and managing the distribution of orders among trucks. It facilitates resource need assessment, truck reservation for orders, and dispatching of leased transportation.



Placing a transportation order into a truck. Partial reservation of an order is possible, for example, 2/3 of the order travels in one truck and 1/3 in another.

Pool of unassigned transportation orders (Forwarding Order) for the selected period.

Reference to the original order that served as the basis for the transportation order.

Control of distribution across trucks.

Order parameters.

# Transportation Management System Capability Guide

# Settlement

# Capability Guide. Settlement

**TMS supports a process of reconciling and finalizing all financial transactions associated with a particular service or operation.**

- **Determining Income**: Identifying the total amount that will be billed to the client for the transportation services provided. This involves calculating the charges for all the services rendered during the transportation process, including freight charges, fuel surcharges, and any other additional services.

- **Calculating Costs**: Accounting for all the expenses incurred by the company in the process of providing these services. This could include payments made to third-party service providers, carriers, fuel costs, and any other operational expenses.

- **Final Reconciliation**: The settlement process ensures that all income and expenses are accurately recorded, reconciled, and the net amount (profit or loss) is determined. This step is crucial for financial reporting, budgeting, and financial management within the company.

- **Billing and Payment Processing**: As part of the settlement, invoices are generated for clients based on the determined charges, and payments are processed for any third-party services utilized during the transportation process.

In essence, settlement is a comprehensive financial review and closure process that ensures all monetary aspects of a transportation order are accounted for, from the initial calculation of charges to the final payment and invoicing, ensuring transparency and financial integrity.

# Capability Guide. Settlement

**Determining Income**: Identifying the total amount that will be billed to the client for the transportation services provided. This involves calculating the charges for all the services rendered during the transportation process, including freight charges, fuel surcharges, and any other additional services.

TMS features its own service directory for billing clients, with a linking mechanism to service-type items of the standard Business Central module.

Control over whether invoices have been issued for all services, with a link to the line of the specific document.

Display of expected profit converted into local currency.



**Forwarding Order (TMS)**

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Settlement | Manage | Calculation | Functions | Prices | Charge Allocation

New Line | Delete Line

| Type | Code | Description | Qua... | Price | Curr... Code | Amount | Amount (LCY) | Document Type | Document No. | Document Posting Date | Invoice Line Type | Invoice Line No. | Freight Order No. |
|------|------|-------------|--------|-------|--------------|--------|--------------|---------------|--------------|----------------------|-------------------|------------------|-------------------|
| Income | FR | Freight | 1.00 | 5,000.00 | | 5,000.00 | 5,000.00 | Invoice | 102240 | 1/10/2024 | Item | TMS1001 | _ |
| Income | HNDL | Handling | 2.00 | 678.00 | | 1,356.00 | 1,356.00 | | _ | | Item | TMS1000 | _ |
| Cost | FREIGHT | Freight | 1.00 | -648.82 | | -648.82 | -648.82 | Invoice | 107230 | 12/5/2023 | | | FO-00118 |
| Cost | FREIGHT | Freight | 1.00 | -2,000.00 | | -2,000.00 | -2,000.00 | Invoice | 107226 | 12/5/2023 | | | FO-00119 |

| Total Income (LCY) | 6,356.00 | Total Profit (LCY) | 3,707.18 |
|--------------------|----------|--------------------|----------|
| Total Cost (LCY) | -2,648.82 | | |

# Capability Guide. Settlement

**Calculating Costs**: Accounting for all the expenses incurred by the company in the process of providing these services. This could include payments made to third-party service providers, carriers, fuel costs, and any other operational expenses.

TMS has its own charges directory for controlling costs arising during the transportation process, with a mechanism for linking to service-type goods of the standard Business Central.

Assignment and distribution of transportation-related costs enable control over the allocation of purchase invoices to specific transportation orders.

Cost distribution can occur either through the Freight Order or directly. In this scenario, Freight Order expenses for transportation services can be evenly distributed among the orders contained within the Freight Order, or proportionally based on weight, or the number of logistic units in them.



Forwarding Order (TMS)

**I00009 · INTERMODAL · Adatum Corporation**

Settlement   Manage   Calculation   Functions   Prices   **Charge Allocation**

Purchase Invoice Line    Posted Purchase Invoice Line    Credit-Memo Line    Delete Allocation

| Type | Price | Curr... Code | Amount | Amount (LCY) | Document Type | Document No. | Document Posting Date | Invoice Line Type | Invoice Line No. | Freight Order No. | Customer/Vendor Name | Calc. Qty. as Dist... |
|------|-------|--------------|--------|--------------|---------------|--------------|----------------------|-------------------|------------------|-------------------|---------------------|-----------------------|
| Income | 5,000.00 | | 5,000.00 | 5,000.00 | Invoice | 102240 | 1/10/2024 | Item | TMS1001 | _ | | ☐ |
| Income | 678.00 | | 1,356.00 | 1,356.00 | 0 | _ | | Item | TMS1000 | _ | | ☐ |
| Cost | -648.82 | | -648.82 | -648.82 | Invoice | 107230 | 12/5/2023 | | * | FO-00118 | | ☐ |
| Cost | -2,000.00 | | -2,000.00 | -2,000.00 | Invoice | 107226 | 12/5/2023 | | * | FO-00119 | | ☐ |
| Cost | 500.00 | | 0.00 | 0.00 | | _ | | | | _ | Fabrikam, Inc. | ☐ |

| Total Income (LCY) | 6,356.00 | Total Profit (LCY) | 3,707.18 |
|--------------------|----------|--------------------|----------|
| Total Cost (LCY) | -2,648.82 | | |

# Capability Guide. Settlement

**Final Reconciliation**: The settlement process ensures that all income and expenses are accurately recorded, reconciled, and the net amount (profit or loss) is determined. This step is crucial for financial reporting, budgeting, and financial management within the company.

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| No. ↑ | Number of packages | Total Income (LCY) | Total Cost (LCY) | Estimated Profit (LCY) | Invoiced Amount (LCY) | Paid % | Total Income (USD) | Total Cost (USD) | Estimated Profit (USD) | Uninvoiced Amount (LCY) |
|---|---|---|---|---|---|---|---|---|---|---|
| DLV.00001 | 1 | 1,000.00 | -800.00 | 200.00 | 0.00 | 0.0% | 1,541.25 | -1,233.00 | 308.25 | 200.00 |
| DLV.00004 | 0 | 0.00 | -100.00 | -100.00 | 0.00 | 0.0% | 0.00 | -154.13 | -154.13 | -100.00 |
| DLV.00005 | 5 | 190.00 | 0.00 | 190.00 | 0.00 | 0.0% | 292.85 | 0.00 | 292.85 | 190.00 |
| DLV.00006 | 0 | 190.00 | 0.00 | 190.00 | 0.00 | 0.0% | 292.85 | 0.00 | 292.85 | 190.00 |
| DLV.00007 | 0 | 190.00 | 0.00 | 190.00 | 0.00 | 0.0% | 292.85 | 0.00 | 292.85 | 190.00 |
| DLV.00009 | 0 | 190.00 | -190.00 | 0.00 | 0.00 | 0.0% | 292.85 | -292.84 | 0.01 | 0.00 |

For these orders, expenses have not been accounted for or allocated.

Calculation of profitability metrics in an additional reporting currency.

Order control function for managers for services rendered but not yet invoiced to clients.

# Capability Guide. Settlement

**Billing and Payment Processing**: As part of the settlement, invoices are generated for clients based on the determined charges.

One-click invoicing directly from the Forwarding Order. The invoice will be issued to the client in the currency defined in the Ordering Party section and will include all not-invoiced lines with the type "Income."



Customized invoices for the client using Word templates.

Payments are entered into the system and applied to invoices using the standard application functionality of Business Central.

# Transportation Management System Capability Guide

# Maps

# Capability Guide

The MAP Locations mechanism is a control feature for pinpointing exact locations on a map by utilizing geocoding and address lookup. This allows for more precise identification of the delivery point than by address alone.

# Capability Guide

Integration with Google Maps for constructing the optimal delivery route between MAP locations with the capability for optimization based on distance or duration criteria.

### Freight Order*
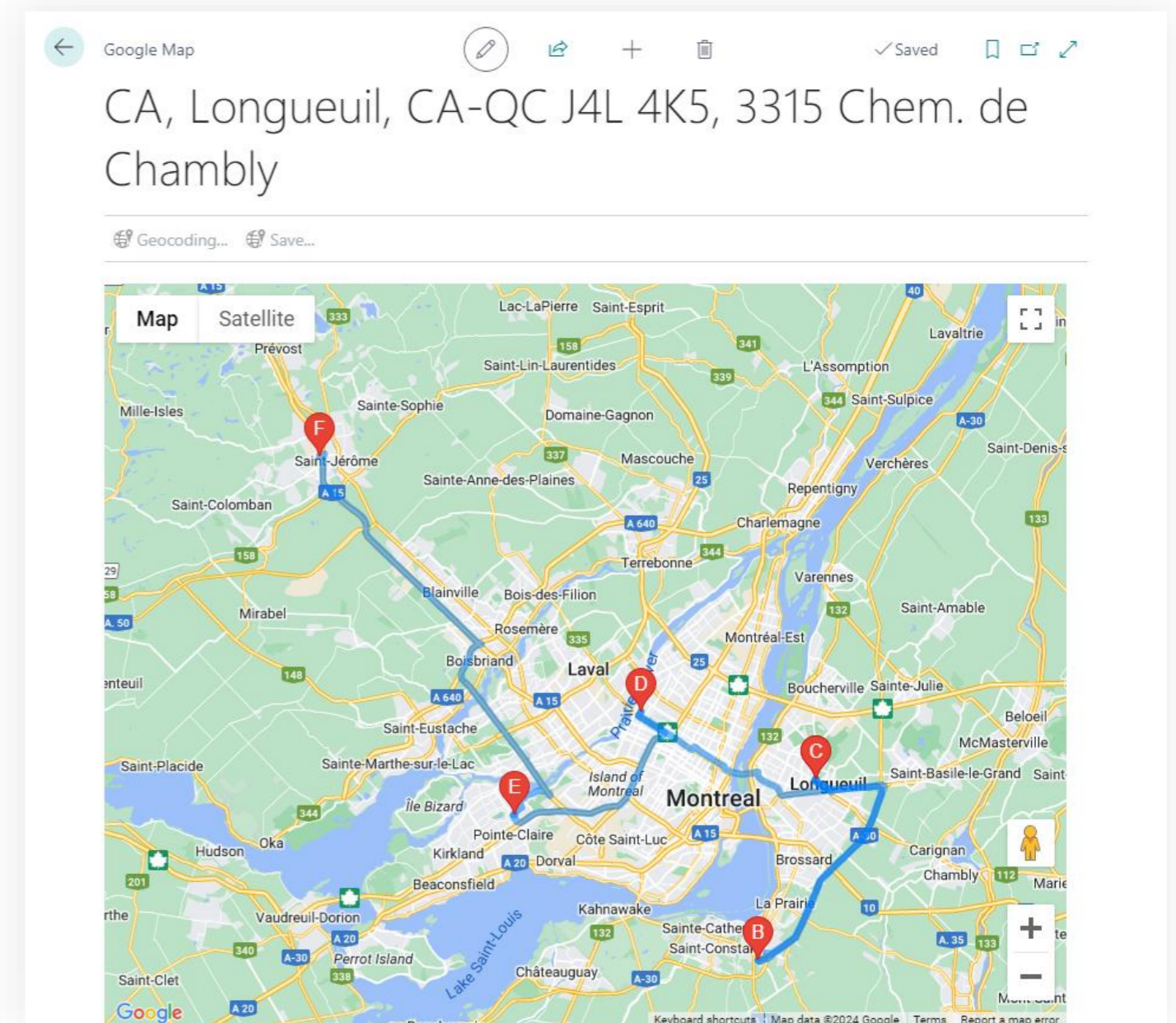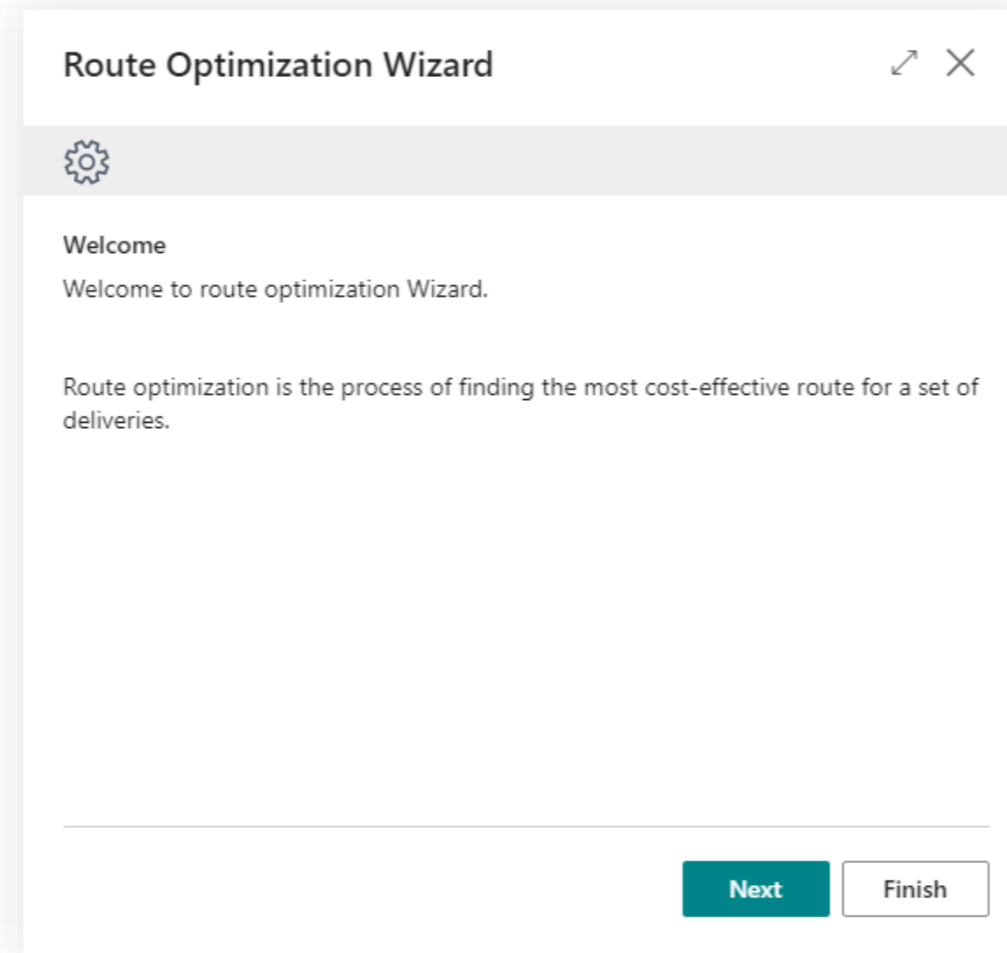
*The Freight Order is a TMS system document that controls HOW the cargo will be transported.



**Route Optimization Wizard**

⚙

**Welcome**

Welcome to route optimization Wizard.

Route optimization is the process of finding the most cost-effective route for a set of deliveries.

Next   Finish



Google Map   ✓ Saved

CA, Longueuil, CA-QC J4L 4K5, 3315 Chem. de Chambly

Geocoding...   Save...

Map   Satellite

# Transportation Management System Capability Guide

# Proof of Delivery

# Capability Guide. Proof of Delivery

The integrated Proof of Delivery system allows for the monitoring of the current status of freight order execution within the system. Drivers, using a mobile application, provide updates on the delivery process stage or report on non-standard situations.
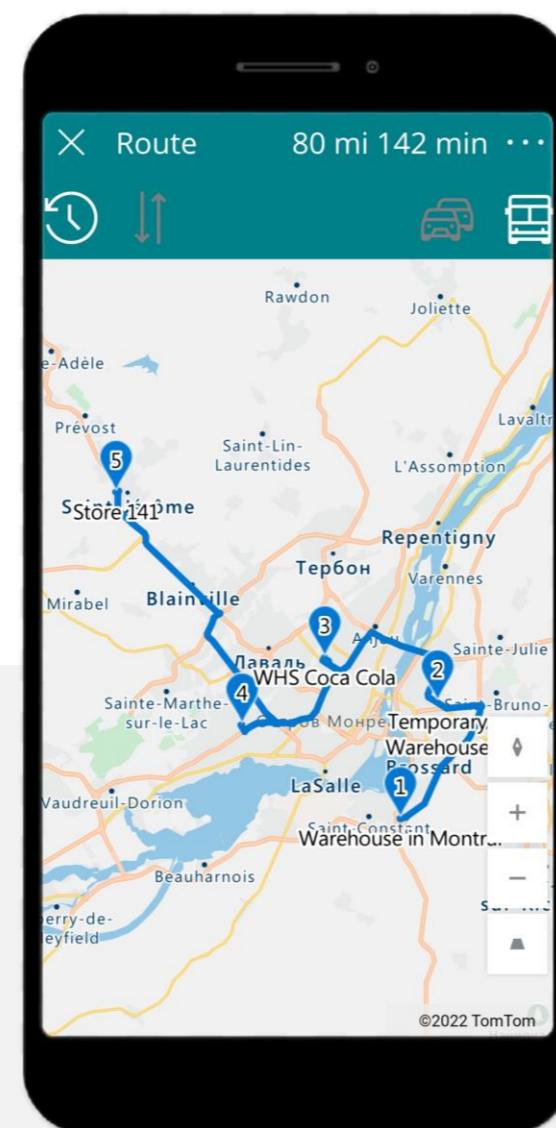
# Capability Guide. Proof of Delivery
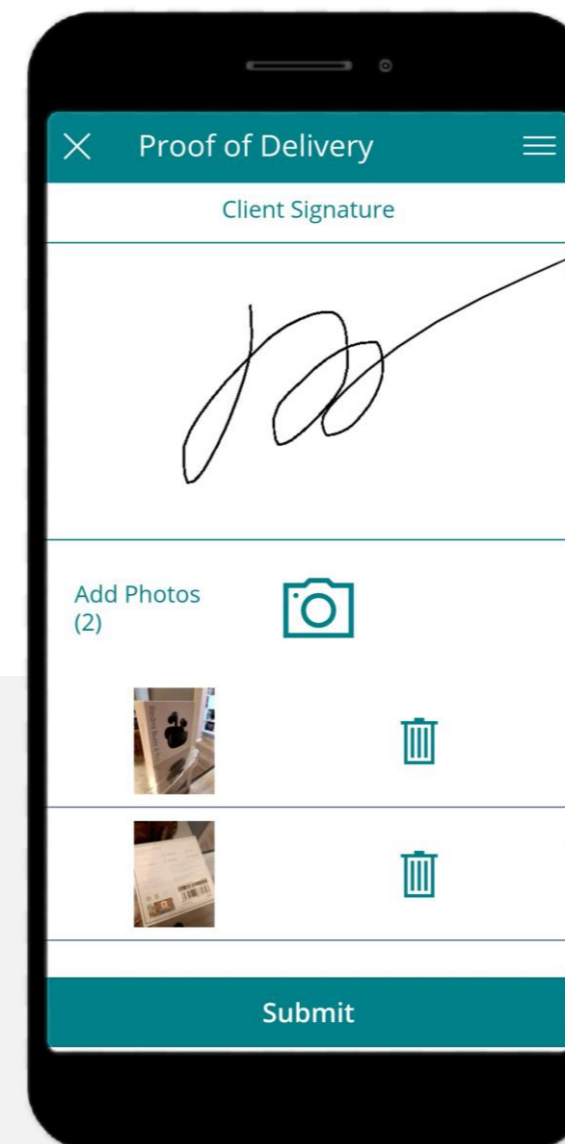
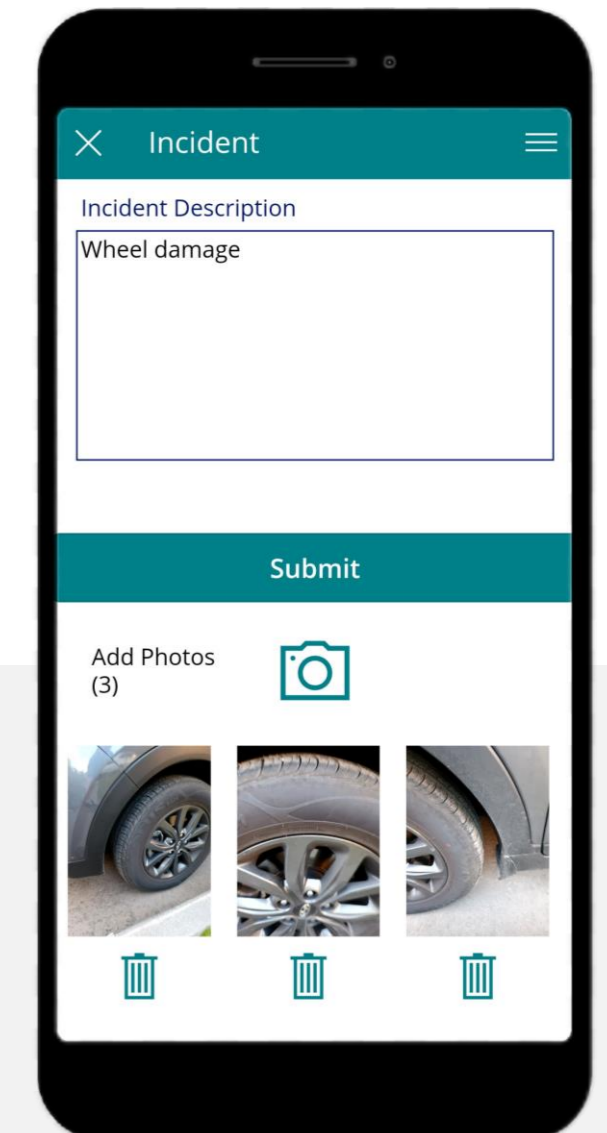## Proof of Delivery Built-in App
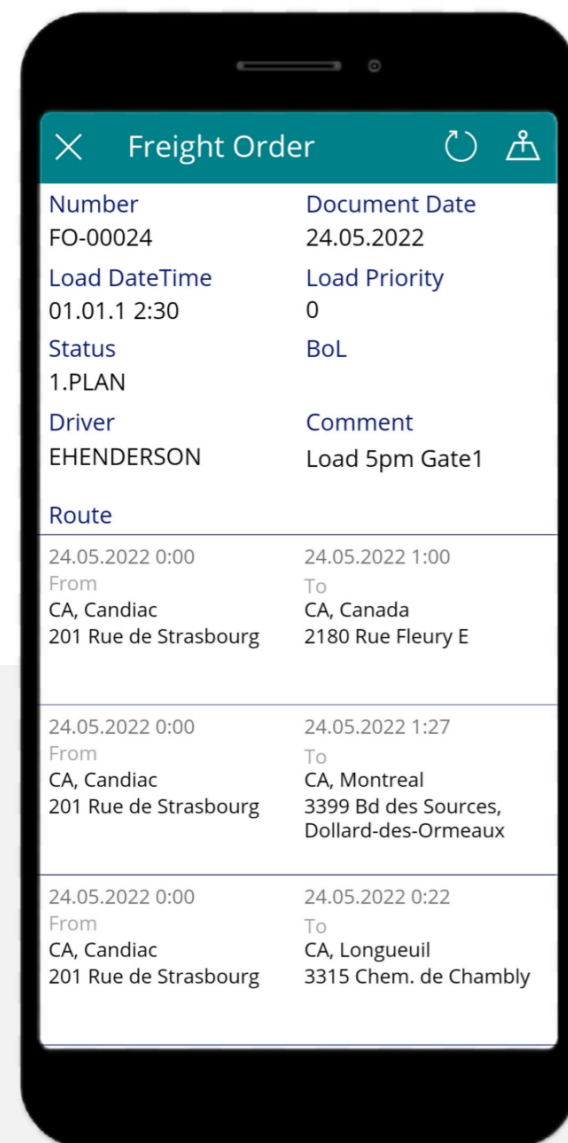


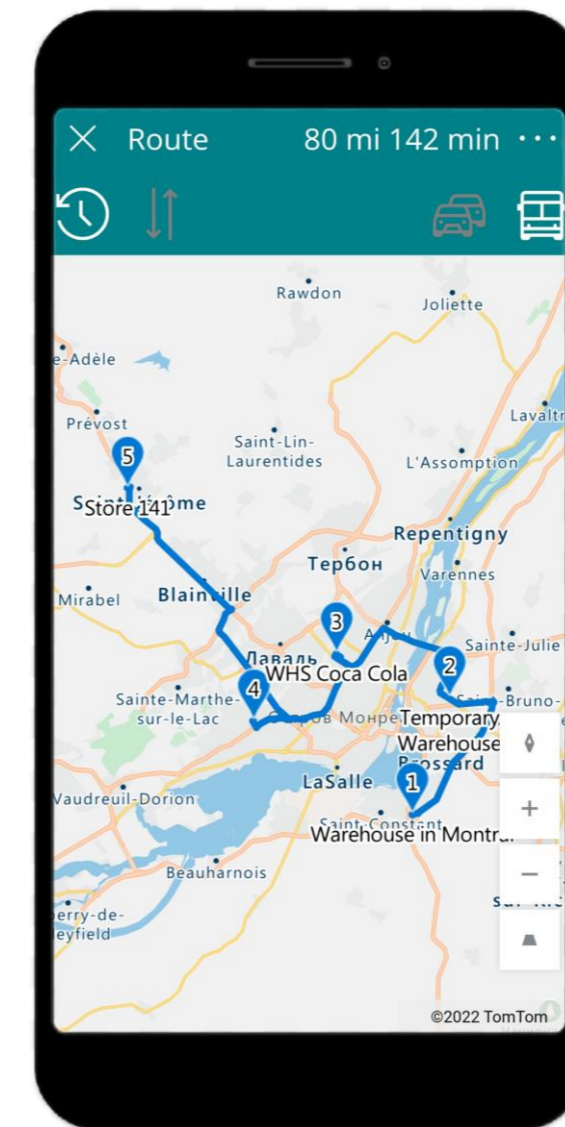**Drops**



**Routing**



**Sing on Glass**



**Incidents**

# Capability Guide. Proof of Delivery

## Key Highlights

- TomTom maps engine, which is informed about road accessibility for trucks.

- Unified Microsoft technology stack.

- Microsoft PowerApps development platform.

- Fully open-source code for client customization.

- Single Microsoft licensing system.

PowerApps

# Transportation Management System Capability Guide

## Other

# Our logistics solutions stack

| Logistics | Process | Documents | TMS | Logistic Units | WMS |
|---|---|---|---|---|---|
| Inbound | External | Transportation | ✓ | | |
| | Internal | Purchase order | ✓ | ✓ | |
| | | Warehouse Receipt | | ✓ | |
| Warehouse (Bins) | | Warehouse Put-away | | | ✓ |
| | | Inventory Put-away | | | ✓ |
| | | Logistic Units ops. | | ✓ | ✓ |
| | | Inventory Pick | | | ✓ |
| | | Warehouse Pick | | | ✓ |
| | | Warehouse Shipment | | ✓ | |
| | Internal | Sales order | ✓ | ✓ | |
| Outbound | External | Transportation | ✓ | | |