

Transportation Management System Capability Guide

for Shippers

Capability Guide. Shipper Scenario

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.





- Charge Management
- Scheduler
- Drivers
- Vehicles
- Carriers

Capability Guide

Documents

Transport Request

is a transportation request based on internal company documents, such as purchase orders, sales orders, or transfer orders. It defines WHAT needs to be transported, where the goods are to be picked up, and where they need to be delivered, while also specifying the shipper and the consignee.

Logistic Units

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.

What will be transported?



Delivery Order

is a document that details **HOW** the transportation will be carried out. It specifies the carrier, driver, and vehicle. The Delivery Order represents the actual journey of the truck, outlining the stops where loading or unloading will take place.

How will it be transported?

Capability Guide

The simplest way to send orders for transportation is by selecting one or more documents directly from the list of source documents and invoking the appropriate function: Create Transport Request or Create Delivery Order, depending on the objective.

CRC	ONUS UK Ltd.	Finance	\sim Cash Management \sim S	Sales – Purchasing –	TMS∨	Shopify V	All Reports
Sales	Orders: All 🗸	, , , , , , ,	🕂 New 📋 Delete 🛛 Home 🗸	Release 🗸 📑 Pos	st 🗸 🛛 Prir	nt/Send 🗸 🛛 Order 🛇	∠ TMS ∨
				External		Create Transport	Request
0	No. 1	Sell-to Customer No.	Sell-to Customer Name	Document No. Location Cod	Assigned e ID	📮 Create Delivery (Order
0	101005	30000	John Haddock Insurance Co.			😅 Update Transpor	tation Status
0	101009	38128456	MEMA Ljubljana d.o.o.	RED		1/16/2026	Released
0	<u>101011</u> :	43687129	Designstudio Gmunden	RED		1/9/2026	Released
0	101013	46897889	Englunds Kontorsmöbler AB	YELLOW		1/15/2026	Released
0	101015	49633663	Autohaus Mielberg KG	GREEN		1/18/2026	Released
0	101016	10000	The Cannon Group PLC	BLUE		1/22/2026	Released
0	101017	20000	Selangorian Ltd.			1/23/2026	Open
0	101018	01454545	New Concepts Furniture	YELLOW		1/23/2026	Open
0	101019	31987987	Candoxy Nederland BV	YELLOW		1/19/2026	Released
0	101020	32789456	Lovaina Contractors	YELLOW		1/23/2026	Open
0	101022	38128456	MEMA Ljubljana d.o.o.	RED		2/1/2026	Open
0	101023	30000	John Haddock Insurance Co.			2/18/2026	Open
0	1011	01121212	Spotsmeyer's Furnishings	YELLOW		1/22/2026	Released



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Capability Guide

From any list of source documents, the **Transportation Status** and **Transportation Documents** fields allow you to determine whether the document has been sent to the TMS module for transportation, if a delivery order has been created, and whether this applies to the entire document or only certain lines.

ales	Orders: All \vee	ρ 🖪	+ New 🗊 Delete Home	✓ Selease ✓	🛗 Post 🗸	Print/Sei	nd \lor Ord	er \vee TMS \vee	Actions \sim	🖻 '	7 🗉 🛈	2 🏿
0	No. 1	Sell-to Customer No.	Sell-to Customer Name	Exte Doc No. Location Code	-	Document Date	Status	Geographic Zone Code	Route No.	Transportation Status	Transportation Documents	Forward Order N
0	1001	49525252	Beef House	GREEN		1/22/2026	Open				-	-
0	1002	01905893	Candoxy Canada Inc.	YELLOW		1/22/2026	Released				_	OD.
0	1003	01905899	Elkhorn Airport	YELLOW		1/22/2026	Open				-	_
0	1004	01445544	Progressive Home Furnishings	YELLOW		1/22/2026	Released				-	_
0	1005	01445544	Progressive Home Furnishings	YELLOW		1/22/2026	Released			Partial Delivery	D0011	-
0	<u>1006</u> :	01445544	Progressive Home Furnishings	YELLOW		1/22/2026	Released		J-95	Delivery	D0011	-
0	1007	27090917	Zanlan Corp.	YELLOW		1/22/2026	Released		J <u>-95</u>	Delivery	D0020	_
0	1008	27090917	Zanlan Corp.	YELLOW		1/22/2026	Released		<u>N92</u>	Delivery	D0020	-
0	1009	27090917	Zanlan Corp.	YELLOW		1/22/2026	Released		A8	Transport Request	TR148	-
0	101005	30000	John Haddock Insurance Co.			1/8/2026	Released				-	-
0	101009	38128456	MEMA Ljubljana d.o.o.	RED		1/16/2026	Released				-	-
0	101011	43687129	Designstudio Gmunden	RED		1/9/2026	Released				-	-
0	101013	46897889	Englunds Kontorsmöbler AB	YELLOW		1/15/2026	Released			Partial Delivery	D0021	_
0	101015	49633663	Autohaus Mielberg KG	GREEN		1/18/2026	Released			Partial Delivery	D0022	_



Transportation Management System

Transport Request

The Transport Request document covers the following functional areas of the TMS.





To transport something from one place to another in the TMS module, you need to create a Transport Request. The request can be created for any document, whether it has been posted or not. A Transport Request serves as an assignment or instruction, indicating that these specific items need to be delivered from this location to that destination.





Transport Request is a document used to initiate a request for organizing the transportation of goods from one point to another. It serves as a formal request for transportation services. This document can include line items from various source documents, but they are grouped based on the principle of moving from point **A to point B**. It does not include complex routes or multiple stops, focusing solely on straightforward point-to-point transport requests.



Loading process

Unloading process



Customer

Warehouse

The Transport Request allows grouping source documents based on the warehouse from which goods will be shipped or received. The connection is made at the line level, as in Business Central, different lines within the same document can be associated with different warehouses.





Transport Requests

RED > CUSTOMER A

WHITE > CUSTOMER A

YELLOW > CUSTOMER A

TMS Extension Functionality

The **Transport Request** allows grouping source documents based on the destination address where the delivery is to be made, within a scenario where goods are shipped from a single warehouse to a single customer, but with different delivery addresses for each order.





Transport Requests

RED > Customer A Address 1

RED > Customer A Address 2

TMS Extension Functionality

The key parameters of a Transport Request are the pickup and drop-off locations—where the goods are coming from and where they are going. The Shipper and Consignee can be our warehouse, a customer, or a vendor, offering flexibility to meet various transportation needs.





The Transport Request leverages MAP Location data, matched with warehouses, suppliers, customers, or client and supplier addresses, to visualize the transportation route. This provides greater clarity and accuracy when planning the route.

<-		SSA, Main Liverpool Street, 5	
	OD, Liverpool, Lio C	JSA, Main Liverpool Street, J	
Transport Request Work Date: 1/23/202	😭 Find Address On Map 🛛 🔒 Save		√Saved ⊏ a
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Home Get Source Documents De	United		
Release 🗸 🤀 Show Route	United Kingdom on Tyne Durham	Flensburg	
Snow Route	Isle of Man	Kiel	*
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	Liverpool Sheffield	Groningen Bremen	400.00
Route No.	Birmingham	sh	100.00
Status	Cambridge	Bielefeld Magdeburg	
Shipper	Oxford	Rotterdam	
Shipper Type	Bristol Cardiff	OAntwerp ODüsseldorf Germany	~
Shipper Name	Exeter Bournemouth	Cologne	ielberg KG
Load Address Code	Plymouth o English Channel	Belgium Frankfurt	~
Load Address	Paula	Luxembourg Mannheim Nuremberg	
	Guernsey Caen	Basia	



The Transport Request offers powerful tools for estimating both the duration and distance of the transportation, ensuring precise planning and efficient execution.

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2026 Delivery	Ø B	+ 🖻
🔡 Transport Time & Distance		
L		
	~	Transportation Distance (km)
Released		Transportation Duration
		Consignee
Location	\sim	Consignee Type
CRONUS UK, Ltd.		Consignee Name
YELLOW	\sim	Unload Address Code
Main Bristol Street, 10		Unload Address
Bristol		Unload Address, City
	Transport Time & Distance Released Location CRONUS UK, Ltd. YELLOW Main Bristol Street, 10	2026 Delivery Transport Time & Distance Released CRONUS UK, Ltd. YELLOW Main Bristol Street, 10





The **Transport Request** allows you to precisely specify the required parameters: location, date, time, and most importantly, the duration of key transportation stages. The transportation duration can be estimated using the Google MAP API.





You can provide additional information about the loading and unloading locations that may be useful for the driver, such as the gate and the loading sequence.

Load Point	9	
Timeline		
← Transport Request Work Date: 1/23/2026 TR151 <u>Home</u> Get Source Documents Delivery © Release ∨ ♥ Show Route ♥ Trans Planning	sport Time & Distance	☆ 十 前
Load Date And Time	10/18/2026 12:00 AM	Unload Unload Date And Time
Load Duration	4 hours	Unload Duration
Load Priority	1	Unload Priority
Loading Bay	GATE 5 Check in at the front gate upon arrival. Wait for further instructions from the warehouse staff.	Unloading Bay





The **Transport Request** includes line items from source documents and gives you the flexibility to adjust the quantities for the current transportation, allowing for multiple deliveries when needed by one source document. If the goods are packed into logistical units, that information is clearly displayed, ensuring seamless and organized transportation planning.

	~	TR152	Documents	Delivery		Ø) 🖻 -	+ 🖻					✓ Saved	ت م ^ر		
Source		Release ∨ € Lines	Show Route	Transport	Time & Distance								Ŕ	\$ 5		
Document Lines.		Source Document	Source No.	Item No.	Description	Quantity	Unit of Measure Code	Qty. to Transport	Gross Weight per Unit of Measure	Gross Weight	Weight Unit of Measure	Length	Height			
	_	→ <u>Sales Order</u> : Sales Order	1015 1015	1170 1255	Tube Socket Back		PCS PCS	3.00 2.00	10 5		KG KG	0.00	0.00			
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		 ◇ Unit No. → ∨ <u>PLT0007</u> 	:	Description Pallet EU		Quantity		Quantity (B		Veight (Base) So 40.00 _		Source Name		-		
		-		Tube Socket Back		3.00 2.00			3	30.00 1 10.00 1		Sales Document Sales Document				



Transportation Management System

Delivery Order

The Delivery Order document covers the following functional areas of the TMS.



- Routes and Zones
- Load Management
- **Route Management**
- Weight, Volume, Footage Control \checkmark
- Load Sequencing & Optimization \checkmark



A Delivery Order is:

- a real vehicle run,
- the actual driving route, detailing the order of stops the vehicle must make
- a set of tasks to be completed, such as loading, unloading, or pallet pickup,
- a loading sequence for the truck,
- a tool for control weight, volume, or footage limits at each stop along the route



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Elements

~	Delivery Order Work	c Date: 1/23/2026		Ø E	+	- 🔟	
	Home Get Docu	ments Route	Optimization				
	Release 🗸	🖞 Post Delivery	🔓 Refresh Lines				
Specifies who will be	General						
responsible for	Route No.		N92	\sim	Limit	ations	
carrying out this transportation.	Carrier Name		M9 Logistics		Туре		
	Vehicle Name		Volvo Truck 433		Descr	iption	
	Driver Name		Ed Korso		Vehic	le Max Payload	Weight
	Status		In Progress		Vehic	le Internal Volu	ıme · · · · · · · · · · · ·
Route Stops: The stop points along	Manifest 📑	* New Line 🛛 🖹 🗎	Delete Line 🛛 🤀 Show on Map				
the route. Each Transport Request	Sequence	Waypoint No.	Waypoint Description	Scheduled Date and Time	Han Time	Action Code	Description
includes two stops.	10	M000002	White Warehouse	1/22/2026 12:00 AM		LOAD	Load 2 lines.
	20	M0000014	Yellow Warehouse	1/22/2026 12:00 AM		LOAD	Load 5 lines.
	30	M0000016	Progressive Home Furnishings	1/22/2026 11:59 PM		UNLOAD	Unload 2 lines.

Progressive Home Furnishings

1/22/2026 11:59 PM

UNLOAD

Unload 5 lines.





Delivery Order consolidates multiple transport requests into a single document, creating a vehicle route that accounts for weight and volume constraints, while optimizing the route based on distance or duration.





Delivery Order allows for the automatic determination of the vehicle loading sequence at the warehouse, based on the order of the delivery stops along the route.





The Delivery Order allows you to manually set the vehicle loading sequence or the order of stops along the route by adjusting the Sequence field.

A field that defines the loading order or	~	D(very Order W 2020 ome Get Do Show Route	ocum		Optimization Time & Distance	A state	+	١. I		
the sequence of stops along the route.			Sequence		Waypoint No.	Waypoint Description	Scheduled Date and Time	Han Time 1 hour	Action Code	Description	Trai Dui
		→	20	:	M0000012	Green Warehouse	10/18/2026 1:30 PM	1 hour		Load 6 lines.	
		Ĥ		:							10
			30		M0000074	Beef House	10/18/2026 10:00 PM	2 ho	UNLOAD	Unload 6 lines.	10
			40		M0000075	Autohaus Mielberg KG	10/18/2026 11:00 PM	2 ho	UNLOAD	Unload 10 lines.	4 ŀ
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Time Buffer	Waight	
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-5 hours	-683,049.19	
	-2 hours	30 minutes 415,952.29 -2 hours415,952.29

20 hours 54 minutes

Delivery Order can control for additional route elements, such as the trip to the warehouse or the return journey (distance and duration), which are critical for managing driver work hours or fleet operations for companies with their own vehicle fleets





Delivery Order enables the selection of Transport Requests based on route numbers. Each customer can be assigned a route number that corresponds to their delivery address.





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

Delivery Order Work Date: 1/23/2026	 Google Map CA, Longueuil, CA-QC J4L 4K5, 3315 Chem. de Chambly 	√ Saved ⊑ ₂ K
D0020 Home Get Documents Route Optimizatio	Geocoding Save	
Route Optimization Loads Optimizatio	n Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colomban Saint-Colom	Show more
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Vehicle Name	Hudson Oka Pointe-Claire Côte Saint-Luc 115 A 10 Carignan Chambly 112 Marie	0' Flat Rack container 27,030.00
Status Open	rthe Vaudreuil-Dorion A20 Saint-Clet Saint-Consta Saint-Clet A20 Châteauguay A30 Victorial Châteauguay A30	33.12



Automatically checks the loading and unloading schedule for the entire route, accounting for transportation time, and indicates if it's not possible to arrive at a specific location at the required time.





-	Unload 10/18/20 10:0	0 PM	Short by 2 hours to arrive at the unloading location on time									
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	Transportation Duration	Time Buffer	Weight									
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		30 minutes	415,952.29									
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es.	4 hours 27 mi	-5 hours	-683,049.19									

Transportation Management System

Charge Management

Capability Guide. Charge Management

TMS helps allocate transportation charges related to orders in the most cost-effective way, automating and simplifying this process. This is based on the standard Item Charges mechanism in Business Central.



The **Delivery Order** contains all necessary information for allocating costs across orders in one place and enables accurate calculation of delivery costs for the customer.



Customer C



Capability Guide. Charge Management

TMS offers two levels of charge allocation: the first between transported orders, and the second across item lines within the orders.









Distribution by:

- Distance
- Weight
- Volume
- Footage
- No. of Logistic Units
- Equally
- Your own

Distribution by:

- Equally
- Amount
- Weight
- Volume

Capability Guide. Charge Management

How it works

The following system documents are used for controlling and accounting for charges allocation: **Purchase Invoice** for entering the carrier's invoice, **Sales Invoice** for invoicing the customer for delivery, **Delivery Order** as a tool for allocating and controlling costs across orders included in the shipment, and Item Charges as an accounting object for all documents.

Delivery Order DLV028			Ø	ie -	F	Î		^{hase Invoice} 7223 · Subcon	tractor) ¢	· + ₪		
Home Get Documents Route Optimization Print M	Nore optio	ns					Ho	ome Prepare Request A	pproval Invoice T	ms N	Nore options	s				
🖸 Release 🗸 🛍 Post 🛛 🚟 Refresh Lines							51	Post V D Release V								
General	lter	n Charges						·	∕Saved □	c 2						
Route No. EAST	Q	b~ /2 🖪	+ Ne	ew 📪 E	dit List	t 前 Delete	Item Charge	More options	Ŕ	∀ ≡				VAT Date		
Carrier Name Subcontractor							Gen. Prod. Po	osting VAT Prod. Posting	Search					Due Date		
Vehicle Name		No. 1	De	cription			Group	Group	Description	Freigh	_		T	Vendor Invoice No.		
Driver Name	\rightarrow	JB-FREIGHT	: Fre	ight Charg	ge (JB-:	Spedition)	SERVICES	STANDARD	FREIGHT CHA					Status		
Status Open		P-ALLOWANCE	Pu	rchase Allo	owance	e	SERVICES	STANDARD	PURCHASE A							
Status Open		P-FREIGHT	Mi	sc. Freight	Charg	ge (Purch.)	SERVICES	STANDARD	MISC. FREIGH							
		P-RESTOCK	Pu	rchase Res	stock C	Charge	SERVICES	STANDARD	PURCHASE RE							
Route Stops and Actions 🦳 🧚 New Line 🗼 Delete Li		S-ALLOWANCE	Sa	es Allowar	nce		SERVICES	STANDARD	SALES ALLOW		-	× Delete Line				
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In Business Central, a freight services invoice from the carrier that actually performed the transportation is entered as a standard Purchase Invoice document. The line type must be specified as Item Charge.

					\sim									
	Purchase Invoice				Ø) 🖻	∻ +	۱ ۱					√Saved ⊑	× ²
	107223 · Subco	ntractor												
	Home Prepare Request	t Approval Invo	pice TMS More options											0
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													Show more	
	Vendor Name		Subcontractor				VAT Date			4/8/2024				
	Contact · · · · · · · · · · · · · · · · · · ·						Due Date			4/8/2024				
	Document Date		4/8/2024				Vendor Ir	voice No.		A454-987				
	Posting Date		4/8/2024			.	Status			Open				
														A field indicating that
	Lines Manage TMS	Line											6 6	this transportation
	🗿 Select items 🗮 Billin	ng Lines 🛛 / 🛛 🖉	sage Data 🗦 Pew Line 😽	Delete Line									Ś	charge is allocated to the items of
	Туре	No.	Description/Comment	Location Code	Qua		Jnit of Measure Code	Direct Unit Cost Excl. VAT	Line Amount Excl. VAT	Qty. to Assign	Qty. Assigned	Department Code	Customergroup Code	transported orders.
Don't forget to	ightarrow Charge (Item)	JB-FREIGH 🗸	Freight Charge (JB-Spedition)			1		200.00	200.00	0	-			
add your charges		No. †	Description	Gen. Prod. Posting Group	VAT Prod. Posting Group									
to this directory.		→ JB-FREIGHT	Freight Charge (JB-Spedition)	SERVICES	STANDARD	^								
	•	P-ALLOWA.	Purchase Allowance	SERVICES	STANDARD									
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Associates the carrier's invoice with our delivery order. In the Charges section of the Delivery Order, select the line or lines from the created invoice to allocate charges to the selected delivery.

	Celivery Order		+ 🖻	√Saved 🗍 🗖 🥕	
	Home Get Documents Route Optimization	Print More options Purchase Item Charge Selection	Z X	\$	Purchase invoice lines with item charges not linked
	Route Stops and Actions Route Sequence Waypoint No. Waypoint Description	Document No. Code Invoice No. Type	rge (Ite P-FREIGHT Misc. Freight Charge (Purch.)	Transportation Weight Volume Distance	to any Delivery Orders
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	Totals				
Menu Item	Charges Manage <u>Assignment</u> Functions			년 전 ☆	
	Type Charge No. Description → Purchases : JB-FREIGHT Freight C			d Amount Source Document Assigned Amount to Source Line 200.00 Purchase Invoice	



Allocate costs across transported orders. In the **Charges** section of the Delivery Order document, click the Assignment menu item to open a window where you can set cost allocation either automatically, based on specific parameters, or manually.

		very Order LV019					A							
~	Delivery Charg	_	harge	Assignment	Apply Upd	date More option	IS							
	🔆 Equally	🔆 By Distan	ce	🔆 By Weight	🔆 By Volu	ume 👌 By Footage	🚰 By Number of I	Logistic Units 🛛 🔢 Clea	ar Amount to Assign					
			A	Assign charge am	ount by distar	nce								
	Shipper Na	me		Consignee Name	e	Distance	Weight	Volume	Footage					
	CRONUS	UK Ltd.		Coca Cola Ltd		40.48	351.75	0.00	0.00					
	CRONUS	UK Ltd.		Village des Va	leurs	34.40	516.64	0.00	0.00					
	CRONUS	UK Ltd.		IGA Ltd		27.29	205.11	0.00	0.00					
\rightarrow	CRONUS	UK Ltd.	÷	CDE Stores Lto	d	77.25	218.05	0.00	0.00					
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	-88	Purchase Invoic	e	Assignment	arge Assignmer	nt								
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No. of Logistic Units	An	nount to Assign	Transport R	equest No.		Tr	anspor	rt Request Lines
0		112.81	TR063					2
0		95.86	TR064					2
0		76.05	TR065					2
0		215.28	TR066					2
Assigne 500.0					Rem.		sign 0.00	
500.0	0						0.00	
				ß				
nount Assigne	ed Amount	Source Document	Assigned to So	Amount urce Line				

Apply the allocated charger across orders to the items within those orders.

	-	arge	s Assigment Suggest	Chai	rge Assignmen	it <u>Apply</u> L	Jpdate	More options			
	Apply				arge Assignme signment (FREIGHT	Freight Charge (JB-Sped	ition)		
	si a	Μ	lanage 🛭 👯 S	ugge	est Item Charge	Assignment	🖺 Get Recei	ot Lines 🛛 🔑 Get Sales Shipment Lir	nes 🍦 Get Transi	fer Receipt Lines	Get Return R
	CRC CRC CRC		Applies-to Doc. Type		Applies-to Doc. No.	Applies-to Doc. Line No.	ltem No.	Description	Qty. to Assign	Qty. to Handle	Qty. Assigned
	CRC	\rightarrow	Sales Ship	÷	102226	10000	<u>1896-S</u>	ATHENS Desk	0.03333	0.03333	
			Sales Ship		102226	20000	1900-S	PARIS Guest Chair, black	0.03334	0.03334	
			Sales Ship		102226	30000	1908-S	LONDON Swivel Chair, blue	0.03333	0.03333	
			Sales Ship		102227	10000	1896-S	ATHENS Desk	0.3	0.3	
			Sales Ship		102227	20000	1900-S	PARIS Guest Chair, black	0.3	0.3	
			Sales Ship		102227	30000	1928-S	Red Swivel Lamp	0.3	0.3	
		4									
tem Lines of							Ass	ignable	To Assign	Rem	n. to Assign
he Sales		Tot	tal (Qty.)	ty.) 1 1							0
Order #1		Tot	tal (Amount)				1	,000.00	1,000.00		0.00

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t Request	Transpor	$_{a^{k}}$ \times												
Lines		Receipt Lines 🛛 🗟 Get Return Shipment Lines 🖉												
2														
2				Amount to	Amount to									
2		Unit Volume	Gross Weight	Handle	Assign									
2		1.2	39.79	33.33	33.33									
		0.25	9.55	33.34	33.34									
		0.25	15.99	33.33	33.33									
		1.2	39.79	300.00	300.00									
		0.25	9.55	300.00	300.00									
		0.03	4.03	300.00	300.00									
ines of	ltem l	•			_									
	the Sa Order	Rem. to Handle		To Handle										
		0		1										
		0.00		1,000.00										


Let's examine the details of the transportation charge allocation process with a simple example of purchasing and selling an item, paying for its delivery to the carrier, and reflecting these transactions in Item Ledger Entries and Value Entries in Business Central.









Step 1. Posting a Purchase Order increases asset value (the cost of goods in inventory), which is reflected in the **Cost Amount (Actual)** field in item transactions and linked value entries.





Step 2. Posting a Purchase Invoice from the actual carrier for truck freight services and other transportation costs related to the delivery of the purchased item.



Delivery of goods to the warehouse

100 EUR

Item 1008 Tires	5													Ч	۲ ۲ ^۲
Item Ledger Er	ntries 🖉	~	🛕 Fi	nd entries	Entry 📑 Orc	der Tracking 🛛 陰	Application Workshee	t More	e options					Ŕ	\bigtriangledown \equiv
Posting Date	Entry Ty	Docum pe Type		Document No.	Item No. 🝸	Location Code	Quantity	Invoiced Qu		Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non- Invtbl.)	Open	Entry No.↓
4/8/2024	: Purcha	se Purcha	se Rec	107232	1008	EAST	10		10	10	0.00	<u>200.00</u>	0.00		710
Item Ledger En	try 710													Ω	ت م ^ر ت
-	-				1										
Item Ledger En Value Entries	-		Find enti	ries Entry	More opti	ons									ਯ ,≚ ⊽ ≡
-	-	er	Find entr Adj	Document	Document No.	ons Item Charge No.	Item Ledger Entry Quantity	Invoiced Quantity	Valued Quantity	Cost Amount (Expected)	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)		♡ ≣
Value Entries	Ø ∽ ∽	er Entry Type	Adj	Document Type	Document	Item Charge	-		Valued Quantity	(Expected)				Cost Posted t	o 'L Cost p



Step 3. Sell the item to the customer. Post Sales Order.







				Д	تر ^م
				ĿĊ	\ ≣
	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non- Invtbl.)	Open E	ntry No. †
	0.00	200.00	0.00		710
	350.00	-200.00	0.00		711
				Д	ದೆ ಸ್
				Ŕ	7 ≣
ount ted)	Sales Amount (Actual)	Cost Amount (Actual)	Cost Amount (Non-Invtbl.)	Cost Posted to G/L	
0.00	350.00	-200.00	0.00	-200.00)

Step 4. Post Purchase Invoice from the actual carrier #2 for truck freight services (transportation costs) related to the delivery of the sold item to the customer. Allocating transportation costs for a sales order does not increase asset value.



Delivery of goods to the customer

100 EUR

\leftarrow	Item 1008 Tires										
	Item Ledger Entrie	es 🛛 🥼 🗸	₽ ■	🔁 Find ent	ries Entr	y 📑 Order	Tracking 📑	Application Worksheet	More	options	
	Posting Date	Entry Type	Document Type	Docum	ent No. Ite	m No. 🝸	Location Code	Quantity	Invoiced Qua		emaining Quantity
	4/8/2024	Purchase	Purchase R	Rec 10723	2 <u>10</u>	008	EAST	10		10	0
	4/8/2024	Sale	Sales Shipr	me 10223	3 <u>10</u>	08	EAST	-10		-10	0
	Item Ledger Entry	711									
	Value Entries	⊈ ∨ ⊴	🖸 🗋 🧟 Find	d entries	Entry	More option	IS				
	Posting Date	Item Ledger Entry Type	Entry Type	Do Adj Ty			Item Charge No.	Item Ledger Entry Quantity	Invoiced Quantity	Valued Quantity	Cost Amount (Expected)
	<u>4/8/2024</u> :	Purchase	Direct Cost	D Pu	irchase In	108219	JB-EREIGHT	0	0	-10	0.00
	4/8/2024	Sale	Direct Cost	Sa Sa	les Invoice	103218		-10	-10	-10	0.00





Step 5. Invoice the customer for item delivery by posting a Sales Invoice with charges allocated to the sales order.





Transportation Management System

Scheduler

Capability Guide. Scheduler

The Visual Scheduler helps allocate requests and orders among available resources, including carriers, vehicles, and drivers.

Planning Period Control	January 01/01/2	26 -	01/	31/7	26	Pla	anr	ning	g by	/ ve	hic	e											
	🗕 🖣 Previous 🔛 Select Per	iod	Next	*	Settin	igs	🖰 Upo	date	Reso	urces													
	Carriers 🕄 Vehicle	Di Di	rivers	P 1	Time S	lots																	
		ـــــــــــــــــــــــــــــــــــــ					Wee	k 01, Ja	anuarv					Weel	< 02, Ja		lanua	ry			Weel	ek 03, Ja	nuar
The list of resources		01	02	03	04	05	06	07	08	09	10	11	12		14	15	16	17	18	19	20	21	_ 22
used for order	Undefined																						
allocation	TRK 34 - Volvo FH 987																						
Carrier Vehicle	TRK 66 - Volvo FM																						
Driver	TRK 04 - SCANIA R590																						
	TRK 05 - Volvo FL																						
	Volvo Truck 433																						
	TRK 75 - SCANIA R590																						
	TRK 72 - SCANIA R590																						
	Transport Requests																						





Capability Guide. Scheduler

Planning can be done across various time periods, such as weekly, quarterly, or monthly, and can be applied across different types of resources.

	iod 🕨 Next 💒 Settings 🥃 Upda			
Carriers 🗊 Vehicle	Privers Prime Slots	Scheduler Setup	2 X	52
	Week	Period		nuary Week 04, January 22 23 24 25 26 27 28 29 30 31
Undefined		Туре		
TRK 34 - Volvo FH 987		Period Type · · · · · · · · · · · Month	\sim	
TRK 66 - Volvo FM		Dates Day Week		
TRK 04 - SCANIA R590		Period Start Month	-	
TRK 05 - Volvo FL		Period End Quarter Custom		
Volvo Truck 433				
TRK 75 - SCANIA R590		Scheduled Resource		
TRK 72 - SCANIA R590		Scheduled Resource Vehicle	~	
ransport Requests				· · · · · · · · · · · · · · · · · · ·



Transportation Management System

Carriers Vehicles Drivers

Capability Guide. Carriers

The system allows for managing carriers involved in order planning. Vehicles and drivers are assigned to specific carriers.

Carrier (TMS) Work Date: 1/23/2	2026		+ 🗊			√Saved 🗍 🖆 🤊
M9 LOGISTICS						
Navigate <u>Setup</u> More	options					•
∦ [≇] Drivers ∦ [≇] Vehicles	≱[®] Drivers					5
General				Show more	🛈 Details 🛛 🗎 At	tachments (0)
No	M9 LOGISTICS	Mode of Transport	ROAD	~	Picture ~	
Name · · · · · · · · · · · · · · · · · · ·	M9 Logistics	Blocked · · · · · · · · · · · · · · · · · · ·				
Freight Agreement No.		Truckload Shipping Type	None	~		
Freight Agreement No.		Truckload Shipping Type	None	~		
		Truckload Shipping Type	None	~		
Defaults		Truckload Shipping Type	None	~		
Defaults Vehicle		Vehicle Unit Type		~		
Defaults Vehicle Default Vehicle No.	TRUCK0432	Vehicle Unit Type				
Defaults Vehicle Default Vehicle No	TRUCK0432	Vehicle Unit Type			Attachments >>	
Defaults Vehicle Default Vehicle No	TRUCK0432 ~ Volvo Truck 433	Vehicle Unit Type			Attachments >>	
Freight Agreement No. Defaults Vehicle Default Vehicle No. Default Vehicle Name Driver Default Driver No. Default Driver Name	TRUCK0432 Volvo Truck 433	Vehicle Unit Type			Attachments \vert_File	Categ



Capability Guide. Vehicles

The system enables tracking of both company-owned and hired vehicles, as well as recording the mileage of each vehicle based on completed orders.

Vehicle (TMS) Work Date: 1/	23/2026	 Ø Ø		✓ Saved 🔲	
TRR2					
Navigate					0
General			Show more	③ Details	
No	TRR2	Manufacturer Scania		Picture ~	Î
Name · · · · · · · · · · · · · · · · · · ·	TRK 04 - SCANIA R590	Year	2019		a
Vehicle Type	Car 🗸	Color · · · · · · · · · white		and the second sec	6
Model · · · · · · · · · · · · · · · · · · ·	R560	Default Map Location	~	and a second a FA	
Carrier	DE	Carrier Name · · · · · · · Oleg Lobakov			
Defaults				Attachments >>	
Default Driver No.	~	Default Driver Name			



Capability Guide. Vehicles

For each vehicle, you can specify its weight and dimensional parameters used for load planning, such as maximum allowable weight, volume, or footage.

Vehicle (TMS) Work Date: 1/2	3/2026	A B	+ 🖻
TRR2			
Navigate			
Type / Sizes			
Unit Type Code	C20FRC V	Sizes	
Unit Type Description	20' Flat Rack container	Unit Type - Linear UoM	MM
Unit Type - Volume UoM · · ·	M3	Unit Type - Internal Length	5,93
Unit Type - Volume	33.12	Unit Type - Internal Width	2,39
		Unit Type - Internal Height	2,32
Registration			
Registration			
Registration No.	PMA703	VIN No	G839829384924
Registration Date	4/5/2019		
Engine			
Engine Type	Diesel \checkmark	Engine Power	56
Engine No.	4358734	Engine Model	FH





Capability Guide. Vehicles

A vehicle can be linked to the fixed assets registry if it qualifies as one, allowing you to track expenses associated with the vehicle, such as repairs or fuel. To do this, you need to set up a separate depreciation book for each type of expense and post purchase invoices by the specific fixed asset.

Ve	hicle (TMS) Work	Date	2: 1/23/2026				O B	+	Ē		
Т	RR2										
Ν	Navigate										
Fiz	xed Asset										
E.	ed Asset No.		FA00002	0	\sim	Fixed Asse	t Decription	Toyota Supr	ra 3.0		
FIX	ica noscento.										
	Depreciation Bo			Depr. Book						Ŀ	6
	Depreciation Bo	ooks		Depr. Book						Ŀ	5
	Depreciation Bo	ooks	Manage	Depr. Book	Depreciation Starting Date	No. of Depreciation Years	Depreciation Ending Date	Declining- Balance %	Dis Of	Book	۶





Capability Guide. Drivers

If the company tracks drivers' working hours and the orders they complete, a profile must be created for each driver.

	← Driver (TMS) Work Date: 1/23/2026	√Saved 🗍 🗖 プ
	ED	
	Navigate	0
	General Show more	Oetails Attachments (0)
	No	Picture ~
	Name · · · · · · Ed Korso Fuel Card No. · · · · · · · · · · · · · · · · · · ·	
e field indicates ch carrier the ver belongs to.	Carrier	
	Carrier No M9 LOGISTICS V Carrier Name M9 Logistics	
	Defaults	
	Default Vehicle No. · · · · · TRUCK0432 · Default Vehicle Name · · · · Volvo Truck 433	
e default vehicle at will be		Attachments ~
ected when this	Personal Information	
ver is chosen in	Birth Date · · · · · · · I/5/1987 🛗 Medical Card Number · · · · ZGN002456573	File Categ
e delivery order.	Employment Date · · · · · 1/1/2024 Medical Card Expiration · · · 10/29/2025	(There is nothing to show in this view)





