Version 1.0.2a



TRANSPORT MANAGEMENT

Migrated&Developed by Maximea LTD MAXIMEA



Based ADempiere Fleet Management by e-Evolution SC





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1 Background

Transport Management is the plugin for iDempiere Business Suite ERP/CRM/SCM which can help you consolidate Purchase, Sale and Distribution orders and maximize the return on your transportation spend and enhance freight, fleet, and logistics management.

P.S. This version 1.02(alfa) published without support PostGIS&pgRouting.

2 Install

2.1 Download and Install plugin

You can download the TMS plugin plugin for immediate use in your latest iDempiere from https://bitbucket.org/pshepetko/org.maximea.tms/downloads/

In Apache Felix Web Console: 1) Install plugin 2) Select file 3) Install and Update

	che Felix Web dles	Console		6	felix
osgi v	Veb Console			_	Log out
Bundle ir	formation: 233 bundles in total, 45	oundles active, 15 active fragments, 136 bundles resolved			
	🗴 🛛 Apply Filte	r Filter All	Reload	Install/Update	e Refresh Packages
Id 🗳	Name	\$ Version	Category	\$ Status \$	Actions
0	• OSGi System Bundle (org.ech			Active	
63	activemq-core (org.apache.ac	Upload / Install Bundles	×	Resolved	► ¢ # 0
154	alpn-api (org.eclipse.jetty.alp)	Start Bundle 🕑		Active	
134		Refresh Packages 🗹		ACUVE	• \$ + •
106	Ant Build Tool Core (org.eclip	Start Level 1		Starting	¢ +
62	ANTLR 4 Runtime (org.antlr.re	Выберите файл Файл не выбран		Resolved	► \$\$ €\$ \$\$
65	Apache Ant (org.apache.ant)	x org.maximea.tms_1.0.0.201903102053.jar	_3	Resolved	■ 4 4 4
66	Apache Aries SPI Fly Dynami	Inst	all or Update	Active	• • •
67	Apache Aries Util (org.apache	1150	an or opened	Resolved	► \$ # #

As result must be Status=Active

Apache Felix Web Console Bundles	feli
OSGi Web Console	Log
Bundle information: 234 bundles in total, 46 bundles active, 15 active fragments, 136 bundles resolved	
tms 🗙 Apply Filter Filter All	Reload Install/Update Refresh Packag
Id 🗢 Name	♦ Version ♦ Category ♦ Status ♦ Actions
234 TMS (org.maximea.tms)	1.0.0.201903102053 Active 🔹 🖨 📦
X Apply Filter Filter All	Reload Install/Update Refresh Packag

After that you can use this functionality.



2.2 Setting

2.2.1 Transport Unit Type

Transport unit types are a means of grouping together different transport units according to certain characteristics.

iD	empiere we	Q A			m	mAdmin@myMeals. Feedback		
>	Home Transport Unit Type: fu Fr ×							
	Transport Unit Type							
	<u>Client</u> *	myMeals.DEMO		Organization*	*			
	Search Key	ľu						
	Name [*]	Freight Unit						
	Description						1	
		✓ Active						
	Transport Mode [*]	Road	-	Transport Physical Type*	Other weight-bearing units		•	
	Weight Unit of Measure*	Kilogram	3	<u>Volume Unit of Measure</u> *	Metr3		•	
	Dimension Unit of Measure*	Each	4		Has Vapor Recovery System			

2.2.2 Transportation Unit

Freight Unit is a set of goods that are transported together across the entire transportation chain. A freight unit can include transportation constraints for transportation planning.

Create Transportation Unit name Freight Unit and set Volume, Dimension and Weight and etc.

iDempiere we	Q &			EMO.mainKitchen/myMeals.DEMO Admin		
over source and source			Feedback	Preference Change Role Log Out		
> Home Transport Unit: fu00*				* 🕐		
) 🔿 💽 📑 🗐 🗐	🕤 🛯 🔍 🖉 🗖 🙋 🎫 🖂 🛧 🔶 📳	🗏 🛎 🔍 🍡 🐼 🔳 🖏	i 🖹 🔄 🕞			
Transport Unit				H 🔶 1/2 🌩 🕨		
Record saved						
<u>Client</u> *	myMeals.DEMO	Organization*	*	Î		
Search Key	j u001	Image				
Name*	Name* Freight Unit-One Order/Day/Customer					
Description	One Order per Day for one Delivery Point					
Comment/Help	A freight unit (FU) represents a set of goods that is transported together through the entire transportation chain. The freight unit building rule must defines whether and Comment/Help how to consolidate or split Order items into freight units.					
Document Note						
Transport Unit Type*	Freight Unit	Transport Status [*]	Available 👻			
	Active	Transport Compatibility Group	▼			
Volume Unit of Measure*	Metr3	Volume	15.0			
Minimum Volume	1.0	Maximum Volume	15.0 📰			
Dimension Unit of Measure*	Each 🔷	Transport Length	0.0 📰			
Transport Width	0.0	Transport Height	0.0 📰			
Weight Unit of Measure*	Kilogram	Weight	15.0			
Minimum Weight	1.0	Maximum Weight	15.0 📰			
Unladen Weight	0.0 📰	Number of axles	0.0 📰	•		
Detail record				~		



Add Compartment for this TU if need, example hot, cold, frozen and etc.

i Do	source LRP System WB		Q #			
>	Home Transport Unit: fu00	1 Frei ×				
	🕤 💽 📑 📑 🔚	P 2 Q 1 P	🥶 🎟 📼 🛧 🔶 😑	🗏 🛎 🔍 🍡 😹		
	Transport Unit					
	Record saved					
	<u>Client</u> *	myMeals.DEMO		Orga		
	Search Key	fu001				
	Name*	Freight Unit:One Order/Day/	Customer			
	Description	One Order per Day for one Delivery Point				
	Comment/Help	A freight unit (FU) represents how to consolidate or split O	a set of goods that is transported to rder items into freight units.	gether through the entire tra		
	Document Note					
	Compartment Assignment					
	📑 📝 📷 🔚 🍈 Sorted: #4					
	Transport Compartment	Sequence	uuid	Active		
	🔲 📝 Nothing	1		e		
	Cold box	2		(d)		
	Hot Box	3		×.		
	Frozen box	4		Image: A start of the start		



2.2.3 Compartment

You use compartments to map the loading space.

mni	ioro						mm	Admin@myMeals.DEMO.mai	nKitchen/mył
Jource PERP	Ve we		Q 6	b				Feedback Prefere	nce Chan
Home Transport Unit: fu001 FreiL. × Transport Compartment: noth ×									
5 (5 Ø □ □ □ □ □ □ □ □ □ 1								
Compa	artment								
	Organization	Search Key	Name	Description	Transport Compatibility Group	Maximum Volume	Minimum Volume	Volume Unit of Measure	Active
		Search Key nothing	Name Nothing	Description	Transport Compatibility Group Nothing	Maximum Volume 5.0		Volume Unit of Measure Metr3	Active
				Description			1.0		
	mainKitchen	nothing	Nothing	Description	Nothing	5.0	1.0 1.0	Metr3	e

Create Compartment if need to split TU

iDempiere we	Q &		mmAdmin@myMeals.DEMO.maink Feedback Preferenc
Home Transport Unit: fu001			reedback Preferenc
·		n m 🝙 📭 🖂 🖨 🎊	
	🕤 🖉 🔍 () 🖓 🙇 📼 🖂 🛧 🔶 🗏		
Compartment			
<u>Client</u> *	myMeals.DEMO	<u>Organization</u> *	mainKitchen
Search Key	nothing		✓ Active
Name [*]	Nothing		
Description			
Document Note			
Comment/Help			
Transport Compatibility Group*	Nothing		
Volume Unit of Measure	Metr3		
Minimum Volume	1.0 📰	Maximum Volume	5.0 📰

For example you use compartments for the following:

You have to separate two freight units on a truck because they contain refrigerated goods and fruit.



2.2.4 Vehicles

You define vehicles for transportation.

Lier							. 6
Hom			_ <u> </u>				* 🔞
	0 📋 🗍	- · · · · · · ·		🔸 🗏 🗏 🏯 🔍	1 🐼 🔳 🎲 🗄	Si 🛀 🗌	
Vehicl							M 🔶 1/20 🌩 🕨
Data requeried Organization Search Key			Name		Description	Comment/Help	
	Organization mainKitchen	vc1		Volunteer car 1		Volunteer car (max 15 meals)	Commentinelp
	mainKitchen	vc2		Volunteer car 2		Volunteer car (max 15 meals)	
	mainKitchen	VC2 VC3				Volunteer car [max 15 meals]	
				Volunteer car 4			
	mainKitchen	vc4		Volunteer car 5 Volunteer car [max 15 m] Volunteer car 6 Volunteer car [max 15 m] Volunteer car 7 Volunteer car [max 15 m] Volunteer car 8 Volunteer car [max 15 m]		Volunteer car [max 15 meals]	
	mainKitchen	VC5					
	mainKitchen	VC6					
	mainKitchen	vc7				Volunteer car [max 15 meals]	
	mainKitchen	VC8				Volunteer car [max 15 meals]	
	mainKitchen	VC9				Volunteer car [max 15 meals]	
	mainKitchen	vc10		Volunteer car 10		Volunteer car [max 15 meals]	
	4				v		
Drive	r Assignment Tran	Isport Assignment 🗍 Licens	e Assignment Requirem	ent Assignment			
	🛐 🔚 🛞 1 Recor	ds		-			
	Organization	Driver	Vehicle	Sequence	uuid	Active	
	-	Driver 1	Volunteer car 1	O	uuuu		
	mainKitchen	Dilvert	Volunteer car i	0			

Set Volume, Dimension, Weight and etc.

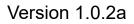
iDomnioro			mmAdmin@myMeals.D	EMO.mainKitohen/myMeals.DEMO Admin
IDempiere we	Q A		Feedback	Preference Change Role Log Out
> Home Vehicle: vc1 Voluntee	er car 1 ×			* 🕐
🔄 💿 📄 🗊 🗔	🕤 😂 🔍 🛛 🕫 🗟 🎞 🖂 🛧 🔶 🔳	🛯 🛆 🔍 🍡 🔜 📾 🚳	\$ 🙈 🦳 📖	
Vehicle				M 🔶 1/20 🌩 🕨
Data requeried				
Client	myMeals.DEMO	Organization	mainKitchen	A
Search Key	vc1	Image		
Name	Volunteer car 1			
Description	Volunteer car [max 15 meals]			
Document Note				
Comment/Help				
Asset		Transport Compatibility Group		
<u>Vehicle Type</u> *	Volunteer cars	Vehicle Status*	Available	
	✓ Active			
Volume Unit of Measure*	Metr3	Volume	15.0 📷	
Minimum Volume	1.0	Maximum Volume	15.0 📷	
Dimension Unit of Measure*	Each	Transport Length	2.0	
Transport Width	2.0	Transport Height	0.02	
Weight Unit of Measure*	Each	Weight	15.0 📰	
Minimum Weight	1.0	Maximum Weight	15.0	•



2.2.5 Drivers

You define Drivers and Licenses for transportation.

we we		Q &			mmAdmin@myN	
Source ERP System					Feed	back F
Home Vehicle: vc1 Volun						
5 🕐 📑 🗊	- To 🔁 🔍 🚺 🗖 !	🛓 🎞 🕫 🔺 🖊 📔	I 🔳 📥 🔍 🍡 🐱	🎙 🔳 🕸 🏝 🍯		
Driver						
Data requeried						
Clie	nt [*] myMeals.DEMO		<u>_</u>	organization* *		
Search	ey 1driver			Image		
Nar	Driver 1					
Nam	2					
Business Part	ier		C	river Status [*] Availab	le	-
	Active					
License Assignment Re	quirement Assignment					
License Assignment Re			ar V			
		License			uuid	Active





2.2.6 Product

For planning you must set Weight and Volume .

	Product: 112 Chicken/			
9 🕐 🗌	1 🗊 🔂 🗔 👘	😂 🔍 🛛 🕫 😇 🖂 🛧 🔶 🔳 🛎 🔍 🗖	t 🐼 🔳 🕸 🏝 🔚	
Product				
	<u>Client</u> *	myMeals.DEMO	Organization*	mainKitchen
	Search Key	112	Version No	
	Name [*]	Chicken/lemon (Avgolemono)		
	Description			
	Comment/Help			
	Document Note	112		
	UPC/EAN		SKU	
		✓ Active		Summary Level
	Product Category*	meals-Meals 👻	Classification	
	Tax Category*	Standard		
	<u>UOM</u> *	Each	Company Agent	•
	Product Type*	item 👻	Mail Template	•
	Weight	1.00 冒	Volume	1.00
		Own Box		
	Freight Category	Hot		Drop Shipment

And if you want o use Compartment you can use field Freight Category.



2.2.7 Business Partner Location

Business Partner must have Address for view route on the Map.

Home 🛛 💼 Product: 112 Chicken/lem	on × 8 Business Partner: customer0 ×
👌 🕐 📑 📑 🔂 🕞 🍖	2 🔍 0 🕫 🔤 🖂 🛧 🔸 🗐 🗏 🛎 🔍 🏪 🔅 🏝 -
Business Partner > Location ▼	
<u>Client</u> *	myMeals.DEMO
Business Partner_*	Customer 1
Name [*]	[c1] 31-34 North Terrace, Adelaide
1	✓ Active
Address*	97, King William Street, central, Adelaide 50000
Phone	
Fax	
	✓ Ship Address
	✓ Pay-From Address
Sales Region	central-Central
Customer Address ID	

Sales Region need for routes grouping if you use Multi Stops.



2.2.8 Freight Costing Calculate Definition

2.2.8.1 Freight Calculation Method Window

This definition enables the system to calculate transportation charges according to a specific logic, for example, by considering the Weight or the Length of route.

2.2.8.2 Calculation Method Type

You can choose the type of calculation method to use for each charge. The following calculation method types we can add and use:

0	2	🗟 🔚 👘 🔁 🔍 🚺 🗖 🧕	II II 🛧 🔶 😐	🗏 🍈 🍭 🍡 🛓	🧯 🔳 🖑 🏝 🔚 🗔				
eight	t Calculation №	lethod Type							
)	Search Key	Name	Charge	Description		Comn	nent/Help		Active
	SW	Standard Weight (SW)	Freight Service	Calculates the trans	portation charges based on th	e For ex	ample, the rate is USD 1	0 and the calculation r.	
	BW	Break-Weight (BW)	Freight Service	Calculates the trans	portation charges by compari	ng Break-	weight is the weight fro	m which it is cheaper	
	CW	Clipping Weight(CW)	Freight Service	calculates the trans	portation charges by working	th The sy	stem then totals up the	calculation results fro	
	DWR	Deficit weight rating (DWR)	Freight Service	Calculates the trans	portation charges for a weigh	tg The sy	stem calculates the trai	nsportation charges fo.	
	ES	External system (ES)	Freight Service	Connects to an exte	ernal system to determine the r	at			1
	ICC	Internal charge calculation (ICC)	Freight Service	Calculate transports	ition charges between organi:	tat You ca	an use internal agreeme	nts for internal charge.	
	SD	Standard - Length (SD)	Freight Service	Calculates the trans	portation charges based on th	e For ex	ample, the rate is USD 5	i0 and the calculation r.	
	FS	Fuel Surcharge (FS)	Freight Fuel	Calculates the trans	portation charges for Fuel.	For ex	ample, the rate is USD 1	0 and the calculation r.	
	SOC	Stop Off Costs (SOC)	Freight Service	Calculates the trans	portation charges for Stops.	For ex	ample, the rate is USD 1	0 and the calculation r.	
	•				LU 🗵 LU				
	lation Method	Time Line			10 4 10				
	a 🖀 🥅 👘	3 Records	Calculation Method	Quantity	UOM 0			Is Qty Percentage	
<mark>9</mark> 🖩		scription				peration	Rate		

You can create and select Charge for each Calculation Method Type. As example Charge=Freight Fuel for Freight Calculation Method Type=Fuel Surcharge (FS)

•Standard - Weight

Home Freight Calculatio	on Method: ×			* 🔞
🥱 🕐 📑 🗊 🔂	🗟 🕤 😂 🔍 🛛 🕫 🗟 📼 💿 🛧 🔸	😑 🔳 🛎 🔍 🍡) 🔳 🔅 🏝 🛁 🐚	
Freight Calculation Method Type	2 > Calculation Method Type Line			iei 🔶 1/1 🔿 Di
Record saved				
<u>Client</u> *	myMeals.DEMO	Organization*	mainKitchen	
Calculation Method [*]	Standard Weight (SW)	Line No	10 📰	
Description	The system calculates the transportation charges based on the calculation rule specifies that the rate is for every 100 kg.	e specified rate, calculation rule,	and actual weight. For example, the rate is USD 10 and the	
Quantity	100 🔳	UOM	Kilogram 🗣	
Operation	=			
Rate	10.0 📟		■ Is Qty Percentage	
	✓ Active			



The system calculates the transportation charges based on the specified rate, calculation rule, and actual weight. For example, the rate is USD 10 and the calculation rule specifies that the rate is for every 100 kg. The weight is 1800 kg, so the system calculates the transportation charges as USD 180 (1800 kg/100 kg * USD 10).

•Standard - Length

The system calculates the transportation charges based on the specified rate, calculation rule, and actual length. For example, the rate is USD 10 and the calculation rule specifies that the rate is for every 100 km. The weight is 1000 km, so the system calculates the transportation charges as USD 100 (1000 kg/100 kg * USD 10).

Break-Weight

The system calculates the transportation charges by comparing and selecting the lower rate from either the actual rate range or the lower end of the next rate range. Break-weight is the weight from which it is cheaper to calculate the rate as opposed to the actual weight of the goods to be transported. One of the scales in the rate must be weight.

● Clipping

The system calculates the transportation charges by working through all scales level-by-level, even if the value lies outside the scale. The system then totals up the calculation results from each scale level to produce the overall result. For clipping, one scale item must have a relative calculation type.

•Deficit weight rating

The system calculates the transportation charges for a weight greater than the actual weight of the goods to be transported, if it results in a lower transportation charge. The system calculates the difference between the actual weight and the next scale level and adds this difference to the goods to be transported as a deficit weight. The system then calculates the costs for the deficit weight using the cheaper rate. Deficit weight rating (DWR) is primarily used in U.S. land transportation.

•External system

The system connects to an external system to determine the rates.

•Other Calculation Method Type

Your custom Calculation Method Type

More details about Calculation Methods you can see on the SAP TMS manual.



2.2.8.3 Freight Agreement

You can use the following Calculation Methods to Freight Cost Calculation.

•Example for Shipper 1

Home	Freigh			Shipper and Vehicle: Carrier						*	
				🔍 🜔 🕫 🙋 📼 💀	- 🔸 😐 🔳	🛎 🔍 🍡 📓		🗱 🏝 🥌 🔚			
ipper	r									4 + 2/4 +	H
a req	ueried										
		<u>Client</u> *	myMeals.DEMC)		Organization*	*				
		Name*	Carrier 1								
			✓ Active								
	Busin	iess Partner	Carrier 1		8						
_		T				u 4 10					
hicle	Assignme	ent Freigh	nt Freight A	greement		u 4 10					
	Assignme	ent Freigh	-	greement		ы Ф LU			الله الله الم	/1 >	>>>
•			is	shipper	Date From		Active	Calculation Method	الله الم	/1 >	»
	Line No	3 Record	ds 1					Calculation Method Standard - Length (SD)	للا الح الم	/1 >	>>
])	Line No	3 Record	ds stance	Shipper	Date From				< < 1	/1 >	»

xample for Shipper 2

Home Freight Calculation M	ethod: × Shipper a	nd Vehicle: Carrier 2 ×								*	0
🕤 💽 📑 🗐 🐻	2 9. 1	p 🧾 📰 💀 🛧	🔶 📄 📕	ä 🔍 🍡	2	🕸 🟝 🔚 🔚					
Shipper								M	4 3/4	•	M
	myMeals.DEMO			Organization [*]	*						
Name*											
6	Z Active										
Business Partner	Carrier 2		8								
Vehicle Assignment Freight	Freight Agreement										
📑 🛃 📷 🔚 💿 1 Records							× ·	< 1	/1	>	
Line No Description		Shipper	Date From	Date To	Active	Calculation Method					
Ili Fuel Surcharg	je (FS)	Carrier 2	01-01-2019			Fuel Surcharge (FS)					

•Example for Shipper 3

· · · · · · · · · · · · · · · · · · ·		~			_				
Home	Freight Calculation	Method: ×	Shipper an	d Vehicle: Carrier 3	×				
)	i i i i i i i i i i i i i i i i i i i		Q. 🛛	p 🙇 📰 💀	1 🕂 🔸 🔳	🖹 🖳 📲	N 🗐	🌞 📤 🛁 🗔	
Shipper									
	<u>Client</u>	myMeals.DEMC	>			<u>Organizati</u>	on [*] *		
	Name	Carrier 3							
		🕑 Active							
	Business Partner	Carrier 3			8				
						500 W 500			
Vehicle A:	ssignment Freig	ght Freight A	greement						
📑 💌 (📑 🔚 💿 1 Reco	rds							ل ا
🗆 Li	ine No Descriptio	n		Shipper	Date From	Date To	Active	Calculation Method	
	10 Standard D	istance (SD)		Carrier 3	01-01-2019			Standard - Length (SD)	

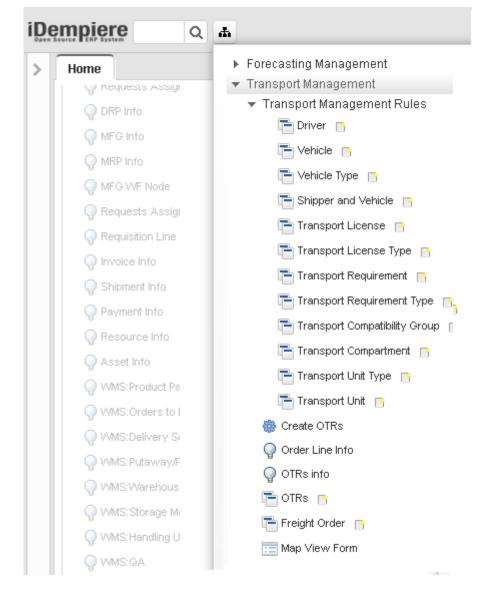
Note that you can use many Calculation Methods on Freight Agreements for one Shipper.

The next Step Run Freight Cost Calculation Process for calculation.



3 Transport Management functionality

3.1 Overview



Transportation Management

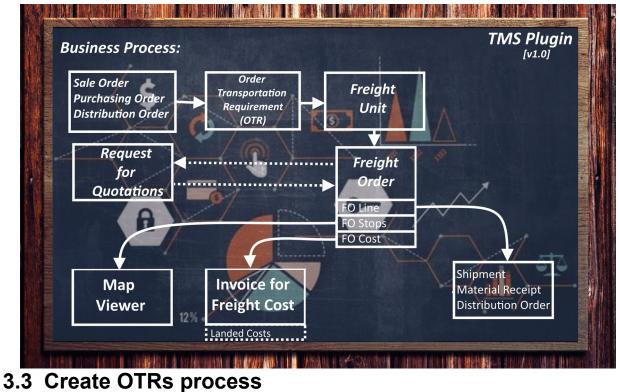
System (TMS) is a plugin for iDempiere Business Suite ERP/CRM/SCM. TMS Solution has been designed for transportation and logistics requirement of all industries and helps them to reduce transportation costs and improve logistics efficiency and flexibility.

TMS plugin enables you to manage all inbound and outbound domestic and international freight in the same environment and provides traceability and visibility of orders, shipments, items, and logistics processes.

With TMS plugin, you can plan the transportation of shipments for many common order types such as sales and purchase orders, returns, and stock transfers.



3.2 Business Process



3.5 Create OTAS process

Run process for create Order Transportation Requirements (OTR) from

- Sales Order
- Purchasing order
- Distribution Order

Domnioro		mmAdmin@myMeals.DEMO.mainKitchen/myMeals.DEMO Admin
Dempiere	Q A	Feedback Preference Change Role Log Out
Home FMS:OTRs info	× Create OTRs ×	* 🕐
Do vou want to st	art the Process?	
Date Promised [*]	01-02-2019	
Delivery Via	Pickup	•
	✔ Sale Orders	
	Purchasing Orders	
	Distribution Orders	
	Delete old/existing records	
	🗌 Run as Job	
Saved Parameters	-	
		Start Xancel

You can delete old/existing records if need.



in	ompioro		mmAdmin@myMeals.DEMO.mainKitchen/myMeals.DEMO Admin
Oper	Source PERP System	Q A	Feedback Preference Change Role Log Out
>	Home FMS:OTRs info ×	Create OTRs ×	* 📀
		t the Process? TRs lines 2978 from SO:297	73/PO:3/DO:2
	Saved Parameters		Parameter 🔀 Close Window

Result of process for tree months.



3.4 Order Transportation Requirement Info Window

Here you can see OTR records and run processes for selected records.

Ho	me Create O	TRs × FMS:OT	'Rs info 🛛 🛪									* 🕜
		D	ate Promis	sed >=	**		Date Promised <=		雦		🖉 AID	Any
			Ware	house		-	Business Partner			8		
			P	roduct			Freight Category			-		
			7	éhicle		-	Delivered			-		
	Date Promised	Date Promised FL	J Vehicle	Location From	Location To	Business Partner		Ordered Quantity	Delivered Quantity	Delivered U	OM Order Typ	e Des
	01-03-2019	01-03-2019		213 Henley Beach Road	233 Victoria Square	Customer 4	115/213/315/413_Lentil (Faki)	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	34 Days Rd	Customer 10	135/334_Pineapple cake	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	92 Days Rd	Customer 9	125_Spinach/rice with vegetables	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	559, Torrens Road	Customer 7	115/213/315/413_Lentil (Faki)	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	118 Hindley St	Customer 2	115/213/315/413_Lentil (Faki)	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	150, Brighton Road	Customer 13	115/213/315/413_Lentil (Faki)	1.00	0.00	No E	ach SOO	line
	01-03-2019	01-03-2019		213 Henley Beach Road	82 King William Street	Customer 3	115/213/315/413_Lentil (Faki)	1.00	0.00	No E	ach SOO	line
«	< 1	/120 > >									[1-2	5/297
		/120 > >	Create Fr		Assignment	ate Freight Order	Create RFQs				[1-2	

3.4.1 OTR Window

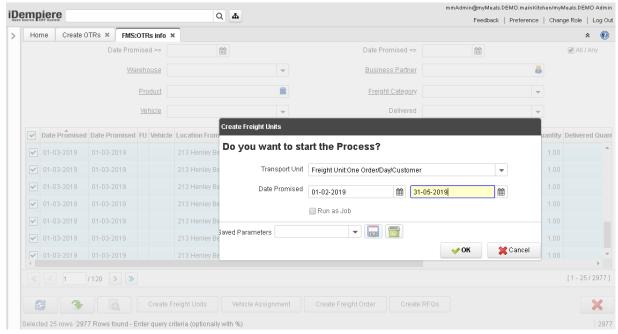
Use doble-click you can see OTR Window.

iDempiere	Q A		mmAdmin@myMe	als.DEMO.mainKitohen/myMeals.DEMO Admin
Open Source LERP System	Q m		Feedba	ck Preference Change Role Log Out
> Home FMS:OTRs info ×				* 🔞
5 💽 📄 🗊 📷] 🗗 😂 🔍 🛛 🕫 🚾 📼 🔹 🛧 🔸 😑	🔳 🛎 🔍 🃑 🐼 🔳 🖑		
Order Transportation Requirer	nent			M 🔶 [1/1] 🔶 🕅
Clier	1 myMeals.DEMO	Organization*	mainKitchen	^
Date Orden	d 01-03-2019 12:00:00 AM	Date Promised	01-03-2019 12:00:00 AM	
Business Partn	Er Customer 8			
Source Warehous	<u>e</u>	Warehouse	Main Kitchen WH	
Produ	ct 115/213/315/413_Lentil (Faki)	UOM	Each	
Ordered Quant	ty	1 Delivered Quantity		0
Sales Order Lin	50088_01-03-2019_20_0	Distribution Order Line		
Order Ty	e 800		Processed Cative	
<u>Freight U</u>	tu001-Freight Unit:One Order/Day/Customer	FU	1010000230000020	
FU Volun	le 1.	0 FU Weight		1.0
Vehic	le Volunteer car 2			
Transport U	itt	τυ	9010000230000002	
Volun	ie 15.	0 Weight	1	5.0



3.4.2 Create Freight Units

This process Create Freight Units based selected Transport Unit for selected records of grid (when parameter Date promised is empty).But if you entered parameter Date promised that process run for period.



Process updates the field FU and you can see result..

н	ome	Create C	TRs ×	FMS:0	OTRs info ×						*
		Date	Promised	>=		Ê		Create Freight Units			
			Warehou	ISE			-	Create rreight Units			
			Prod	uct				Pro	cess completed su	iccessfully	
			<u>Vehi</u>	cle			Ŧ	[v.1	.01] Created Freig	ht Units: 28	88
	Date	Promised	Date Pro	mised	FU		Vehicle	Lo			
	12-0	3-2019	12-03 <mark>-2</mark> 0	19	10100002300	000326		21			🔶 agi
] 13-0	3-2019	13-0 <mark>3-</mark> 20	19	10100002300	000372		21 3 nemey beach Road	209 TOTTETIS RU	Custonner o	1117515/41
] 14-0	3-2019	14-0 <mark>3</mark> -20	19	10100002300	000417		213 Henley Beach Road	269 Torrens Rd	Customer 8	114/314_C
	28-0	3-2019	28-0 <mark>3</mark> -20	19	1010000230	000852		213 Henley Beach Road	269 Torrens Rd	Customer 8	114/314_C
	28-0	2-2019	28-0 <mark>2</mark> -20	19	10100002300	000005		Regent Arcade	213 Henley Beach Road	Vendor 1	125_Spina
	28-0	2-2019	28-02-20	19	10100002300	000006		Regent Arcade	213 Henley Beach Road	Vendor 1	115/213/31
	28-0	2-2019	28-02-20	18	1010000230	000007		Regent Arcade	213 Henley Beach Road	Vendor 1	135/334_P
•											Þ
		1	/120 >	>							[1 - 25/297
	Ø	2			Create Fre	iqht Uni	ts	Vehicle Assignment	Create Freight Order	Create RF	Qs 🛛 🗙

P.S. We can combine this process with Create OTRs process and create FU automaticaly (used rules) as in SAP TM.



3.4.3 Vehicle Assigment

This process Assign Vehicles based selected Vehicle Type for selected records of grid (when parameter Date promised is empty).But if you entered parameter Date promised that process run for period.

mp	iere			Q	њ		mmAdmin@myMeals.DEM		
Hor	T T		:OTRs info × FI	MS:OTRs info			Feedback Pr	reference	Change Role Log C
HU	ne Create C	Date Prom		MS:UTRS INTO	*	Date Promised <=	66		🗙 💽 🖉 All / Any
		War	rehouse		▼	<u>Business Partner</u>		8	
			Product			Freight Category		-	
			Vehicle		-	Delivered		-	
~	Date Promised	Date Promised	FU	Vehicle I	Vehicle Assignment				
~	26-04-2019	26-04-2019	10100002300017		Do you want to sta	art the Process?			
•	29-04-2019	29-04-2019	10100002300018	23	2			_	2
•	29-04-2019	29-04-2019	10100002300018	25	Date Promised 2	01-02-2019	31-05-2019	雦	
•	30-04-2019	30-04-2019	10100002300018		2 Vehicle Type	Volunteer cars		•	auce with Ba
~	30-04-2019	30-04-2019	10100002300018		2	🔲 Run as Job			
~	30-04-2019	30-04-2019	10100002300018	70	2				
•	01-05-2019	01-05-2019	10100002300019	13	3aved Parameters Last Run	2019-03-10 1 💌 📊 🐻			mon potatoe
	< 1	/120 > >					♦ ОК	🗙 Cano	el [1 - 25 / 2977
	3		Create Freight	Units	Vehicle Assignment Cr	reate Freight Order Create	RFQs		×
Select	ed 25 rows 297	7 Rows found - E	Enter query criteria (optionally with	196)				29

Process updates the field Vechicle and you can see result.

Πo	mnio	ro				Q A				mmAdm	n@myMeals.	.DEMO.mainKitchen/myMea	Is.DEMO	Admin
Open S	mpier	tem				Q #					Feedback	Preference Change	Role L	.og Out
>	Home	Create	OTRs ×	FMS:OTRs i	nfo ×								*	0
			Date	e Promised >=					Date Promise	j <=		<i>∎</i> A	I / Any	-
				Warehouse				-	<u>Business Par</u>	tner		8		
				Product					Freight Cate	yory.		T		
				Vehicle				-	Delive	ered		T		Ŧ
	Date	e Promised	I Date Pro	mised FU		Vehicle	Loc		x m			1	Orde	ered Q
	01-0	03-2019	01-03-20	019 1010	00023000002	2 Volunteer c	ar 1 213		gninent		×	Pineapple cake		
	01-0	03-2019	01-03-20	019 1010	00023000002	Volunteer c	ar 2 <mark>2</mark> 13	3	D			ach/rice with vegetable		
	V 01-0	03-2019	01-03-20	019 1010	0002300000 <mark>2</mark>	4 Volunteer c	ar 2 <mark>2</mark> 13	3 🕡	Process complet [v.1.01] Vehicles	-		15/413_Lentil (Faki)		
	01-0	03-2019	01-03-20	019 1010	000230000 <mark>0</mark> 25	5 Volunteer c	ar 2 <mark>2</mark> 13	3	[v. i.o i] venicies	assigned.2575		Pineapple cake		
	01-0	03-2019	01-03-20	019 1010	00023000 <mark>0</mark> 028	6 Volunteer c	ar 2 <mark>2</mark> 13	3				ach/rice with vegetable		
	01-0	03-2019	01-03-20	019 1010	0002300 <mark>0</mark> 0028	8 Volunteer c	ar 2 <mark>2</mark> 13	3				Pineapple cake		
	✓ 01-0	03-2019		019 1010	0002300 <mark>000</mark> 29		ar 2 <mark>1</mark> 213	3 Henley Beach	Road 92 Days Rd	Customer 9	125_Spi	inach/rice with vegetable		-
	4													Þ
		1	/120 >	> >>								[1 - 25 / 2	977]
	2	•		Cri	eate Freight Ur	nits Ve	hicle Ass	signment	Create Freight Order	Create RFQs				X
-		5 rows 297	77 Rows fo	ound - Enter qu	iery criteria (op	tionally with %	5)							2977



3.4.4 Create RFQs (optional)

You can create Request For Quotations and use standard Purchasing functionality for a Carriers select.

	Date	Promised >=	#		Date Promised <=	Ê		Warehouse
	Busi	ness Partner		8	Product		Fr	eight Category
		Vehicle		-	Delivered		-	
	Date Promised	Date Promised	FU	Vehicle	Location From	Location To	Business Partner	Product
	28-02-2019	28-02-2019	1010000230000005	Volunteer car 1	Regent Arcade	213 Henley Beach Road	Vendor 1	125_Spinach/ri
	28-02-2019	28-02-2019	10100002300	e RFOs				/41
	28-02-2019	28-02-2019	10100002300					ear
	01-03-2019	01-03-2019	10100002300 Cre	ate Reques	t For Quotation:	s (RFQs)		n/ri
	01-03-2019	01-03-2019	10100002300	<u>RfQ T</u>	opic [®] Tender freight			-
	01-03-2019	01-03-2019	10100002300 Bus	siness Partner Gr	oup [*] Carrier			- ea
	01-03-2019	01-03-2019	10100002300		Run as Job			n/ri
	01-03-2019	01-03-2019	10100002300		E Run as obb			/41
	01-03-2019	01-03-2019	10100002300 ⁵ aved F	arameters		-		eap
2	26-02-2019	26-02-2019	10100002300				🔸 ок	💥 Cancel hop
	26-02-2019	26-02-2019	1010000230000003	Volunteer car 1	213 Henley Beach Roa	id Fisher Place	Carrier 1	131/335_Apple
2	07 00 004 Q	07 00 0010	101000030000004	Volunteer oer 1	213 Hanley Reach Ros	d 07 King Milliam Street	Customer 1	110 Chickenila
	< 1 /	120 > ≫						

Parameters RfQ Topic and BP Group are mandatory.

i De	emp	Diere ERP System				Q A				
>	Ho	me 🗍 Create C	TRs × FMS	OTRs inf	ío ×					
			Date Promi	sed >=	01-03-2019				Date Promised ≪	01-03-2
			Ware	<u>ehouse</u>			-		<u>Business Partne</u>	<u>r</u>
			Ē	Product					Freight Categor	У.
				<u>Vehicle</u>			-		Delivere	4
	~	Date Promised	Date Promised	FU		Create RFQs				X
	✓	01-03-2019	01-03-2019	101000	0230000026					her
		01-03-2019	01-03-2019	101000	0230000028	_	Duesee		l europe e e fuille :	her
	~	01-03-2019	01-03-2019	101000	0230000029			completed reated Rf	I successfully	her
	~	01-03-2019	01-03-2019	101000	0230000030		[v. 1.00] C	alealeu Ri	-03.3	her
		01-03-2019	01-03-2019	101000	0230000031					ner
		01-03-2019	01-03-2019	101000	0230000032					🖌 her
		01-03-2019	01-03-2019	101000	0230000033	Volunteer car 2	213 Henley	Beach Road	34 Days Rd	Customer

Process create a new RfQs and you can see result.



Version 1.0.2a

Jomni	oro						mmA	dmin@myMeals.DE	MO.mainKitchen/myMeals.DEMO) Admin
Dempi	System If			Q d				Feedback	Preference Change Role	Log Out
Home	e Create OTR	s 🗙 🗍 FMS:C	TRs info 🗙	RfQ: 1000044 Da	ily Meal de ×				*	0
5	2	2	2 Q	0 🗖 🙇 🗖	I 🖬 🛧 🔸 🔳 🖴 🖗	R 📑	🛃 🔳 🏶 📤	e 1.		
RfQ									M 🔶 1/3 🚽	• •
	Work Start	Organization	Document I	Name	Description	Active	Sales Representative	RfQ Topic	RfQ Type	Que
	01-03-2019	mainKitchen	1000044	Daily Meal delivery	Meal delivery [FU:9010000230000007]		mmAdmin	Tender freight	Quote Selected Lines	
	01-03-2019	mainKitchen	1000045	Daily Meal delivery	Meal delivery [FU:9010000230000008]	1	mmAdmin	Tender freight	Quote Selected Lines	
	01-03-2019	mainKitchen	1000043	Daily Meal delivery	Meal delivery [FU:9010000230000006]	1	mmAdmin	Tender freight	Quote Selected Lines	
	4									•
Detail r	ecord									~

For the next step you can use Web Store for communication with your Carriers.

^{re} M	ly RfQ's					
ets ces Na	ame	Desciption	Details	Response by	Work Start	Delivery
	aily Meal delivery	Meal delivery [FU:9010000230000006]		Mar 1, 2019	Mar 1, 2019	- 0 days
rs Da	aily Meal delivery	Meal delivery [FU:9010000230000008]		Mar 1, 2019	Mar 1, 2019	- 0 days
ments Da	aily Meal delivery	Meal delivery [FU:9010000230000007]		Mar 1, 2019	Mar 1, 2019	- 0 davs

Contact us myMeals.DEMO

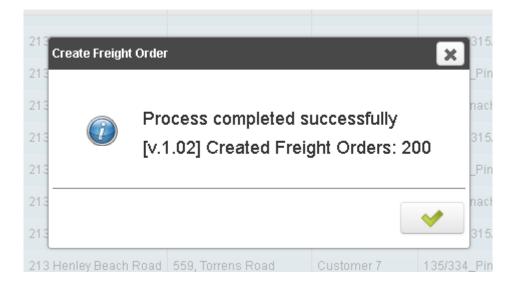
More about RfQs you can found in Purchasing module.



3.4.5 Create Freight Orders

This process create new Freight Orders for selected records of the grid (when parameter Date promised is empty).But if you entered parameter Date promised that process run for period.

	Ψ			<u>.</u>			
	Vehicle	Location From	Location To		Business Partner	Product	
)5	Volu Create F	reight Order					getab
)6		ou want to st	urt the Process?	,			Faki)
07	Volu	ou want to sta	at the Flocess:				
)8	Volu	Date Promised	01-02-2019		31-05-2019		getab
9	Volu		🗌 Run as Job				Faki)
10	Volu Baved Pa	rameters					
11	Volu				~		getak Cancel
12	Volu						Faki)





Process create a new FOs and you can see result.

mani	ioro												mmAdmini	@myMeals.DEMO.main#	Gtohen/myM	eals.DEMC) Adm
ource ER	ere we			C	λ 🖷									Feedback Preference	e Chang	e Role	Log C
Hom	e FMS:C	TRs info 🗶	Freight Order:	1002130 ×												*	0
()	0	ī) 🔂 🔚	- A (· 🛧 🔶	🗐 🖪 🐣	🔍 🍡 🕯	🛃 🔳 🍪 I		a I						
Freigh	t Order															1/199 🚽	• •
Data re	equeried																
	Date Order	ed	Document No	Document Type		Vehicle	E	Driver	P	Proces	ss Freight Order	Description	Docum	ent Status	Approved	Freight	Cate
	31-05-2019	9 12:00:00 AM	1002130	Freight Order		Volunteer car 3					Document Action	№1002130 Dat	Drafted				
	31-05-2019	12:00:00 AM	1002129	Freight Order		Volunteer car 2					Document Action	№1002129 Dat	Drafted				
	31-05-2019	9 12:00:00 AM	1002128	Freight Order		Volunteer car 1					Document Action	№1002128 Dat	Drafted				
	30-05-2019	9 12:00:00 AM	1002127	Freight Order		Volunteer car 3				-	Document Action	№1002127 Dat	Drafted				
									-			- I					
	•																
«	< 1	/8 > :	»													[1 - 25.	/199
Froid	ht Order Lin	e Freight S	tons Freigh	t Order Cost				🔻									
Trong		15 Records												« <	4	/2 >	
	3 🗟 🚍															12 /	
		Ship Date	Location Fr		Location To		Product		Ordered Quar	ntity [Delivered Quantity			Distribution Order Li	10		
	0	31-05-2019	213 Henley	Beach Road	748 Anzac H	Highway	125_Spinach	/rice with ve		1	0	50092_01-03-2019_	1970				1
	1	31-05-2019	213 Henley	Beach Road	748 Anzac H	Highway	115/213/315/-	413_Lentil (1	0	50092_01-03-2019_	1960				- 1
	2	31-05-2019	213 Henley	Beach Road	748 Anzac H	Highway	135/334_Pine	eapple cake		1	0	50092_01-03-2019_	1980				
	3	31-05-2019	213 Henley	Beach Road	33a, Hastin	igs Street	125_Spinach	/rice with ve		1	0	50093_01-03-2019_	1980				

The header of Freight Order.

iDomnioro				mmAdmin@myMeals.	DEMO.mainKitohen/myMeals.DEMO Admin
Deen Source PLAP System WB		Q A		Feedback	Preference Change Role Log Out
> Home FMS:OTRs info ×	Freight Order: 1002130 🗴	Map View Form 🗯			* 🔞
5 💽 📑 🗊 🐻	🕤 🔁 🔍 🛛 🕫	🥶 🎞 💀 🛧 🖊 🔳	🗏 🛆 🔍 🍡 🐼 🔳 🅸	🟝 🔄 🕞	
Freight Order					🖂 🧄 1/199 🌩 🕨
Data requeried					
Client	myMeals.DEMO		Organization*	mainKitchen	
Document No	1002130		Document Type*	Freight Order	
Document Date*	31-05-2019		Date Ordered*	31-05-2019 12:00:00 AM	
Description	№1002130 Date:31.05.2019	9 Vehicle:Volunteer car 3			
Date Start Schedule	08-06-2019 🗰 4:00:00	PM 🗘	Date Finish Schedule	08-06-2019 🛗 9:00:00 PM 🗘	
Length		17.5	Duration	32	
▼ Delivery					
Business Partner			Shipper	test	•
Vehicle	Volunteer car 3		 Driver 		•
▼ Document					
	Processed			Approved	
Document Status	Drafted			🌐 Document Action	
Detail record					~

P.S. The fields Length and Duration you need to enter manually from the map if you don't use some API or Postgis/pgRouting.



The Lines tab of the Freight Order document contain info about Products.

*					Map View Form 🛪	Freight Order: 1002130 ×	OTRs info 🛪	me FMS:	Hor
			🔳 🔅 🏝	🗏 🚍 📇 🔍 📑 J	🧖 📼 📼 🔺 🗸	n a Q A P	in 🚍 🗔	0	
- 1/15 •							eight Order Lir		Freig
								requeried	
	Distribution Order Line	Delivered Quantity Sales Order Line	lered Quantity D	Product	Location To	Location From	Ship Date	Line No	
		0 50092_01-03-2019_1970	1	125_Spinach/rice with ve	748 Anzac Highway	213 Henley Beach Road	31-05-2019	0	
		0 50092_01-03-2019_1960	1	115/213/315/413_Lentil (748 Anzac Highway	213 Henley Beach Road	31-05-2019	1	
		0 50092_01-03-2019_1980	1	135/334_Pineapple cake	748 Anzac Highway	213 Henley Beach Road	31-05-2019	2	
		0 50093_01-03-2019_1980	1	125_Spinach/rice with ve	33a, Hastings Street	213 Henley Beach Road	31-05-2019	3	
		0 50093_01-03-2019_1970	1	115/213/315/413_Lentil (33a, Hastings Street	213 Henley Beach Road	31-05-2019	4	
		0 50093_01-03-2019_1990	1	135/334_Pineapple cake	33a, Hastings Street	213 Henley Beach Road	31-05-2019	5	
		0 50094_01-03-2019_1980	1	125_Spinach/rice with ve	150, Brighton Road	213 Henley Beach Road	31-05-2019	6	
		0 50094_01-03-2019_1970	1	115/213/315/413_Lentil (150, Brighton Road	213 Henley Beach Road	31-05-2019	7	
		0 50094_01-03-2019_1990	1	135/334_Pineapple cake	150, Brighton Road	213 Henley Beach Road	31-05-2019	8	
		0 50095_01-03-2019_1980	1	125_Spinach/rice with ve	2 Morley Street	213 Henley Beach Road	31-05-2019	9	
		0 50095_01-03-2019_1970	1	115/213/315/413_Lentil (2 Morley Street	213 Henley Beach Road	31-05-2019	10	
		0 50095_01-03-2019_1990	1	135/334_Pineapple cake	2 Morley Street	213 Henley Beach Road	31-05-2019	11	
		0 50096_01-03-2019_1980	1	125_Spinach/rice with ve	18, Carlisle Street	213 Henley Beach Road	31-05-2019	12	
		0 50096_01-03-2019_1970	1	115/213/315/413_Lentil (18, Carlisle Street	213 Henley Beach Road	31-05-2019	13	

The Freight Stops tab of Freight Order document contain info about Stops of the current route.

	ere we		Q A					mmA
Hom	e FMS:OTRs info	× Freight Order: 100213	30 × Map View Form ×					
5 (2 📑 🗖 👼	- F 2 Q (P 🙍 🗉 🖬 🔺	• 🔸 🔳 🔳 🖾 🔍	- 🛃 📄 🖑	A 🦲 📖		
Freight	Order > Freight Stops							
	Sequence	Business Partner	Location From	Location To	Volume	Weight	% Utilization	Active
	1.0	Customer 11	213 Henley Beach Road	748 Anzac Highway				V
		Customer 11 Customer 12	213 Henley Beach Road 213 Henley Beach Road	748 Anzac Highway 33a, Hastings Street				Y
	2.0							
	2.0	Customer 12	213 Henley Beach Road	33a, Hastings Street				d.

P.S. You can change a field Squence manually for a sequence of stops if you don't use optimization with some API or Postgis/pgRouting.

The Cost tab of Freight Order document contain info about costing for this document.

Domnioro			mmAdmin@myMeals.DEMO.maink
iDempiere we	Q d		Feedback Preference
> Home FMS:OTRs info ×	Freight Order: 1002130 × Map View Form ×		
🔄 🕤 💽 📑 🕞 🔚	ਿ 🔁 🔍 🖉 🗖 🥶 📰 💿 🔶 🔶 📳	I 🛎 🔍 🍡 🐼 🔳 🔅	🟝 🕘 🔚
Freight Order > Freight Order Cos			
<u>Client</u> *	myMeals.DEMO	Organization*	mainKitchen
Freight Order*	1002404		
Product		<u>Charge</u>	Freight Service
Quantity	17.5 📰	Price	10.00 🚟
Amount	17.50 📰		
Description			
	✓ Active		Processed

You can add manually Cost for Fuel, Loading , Unloading and etc. for the Invoice generate.



3.4.6 Freight Cost Calculation Process

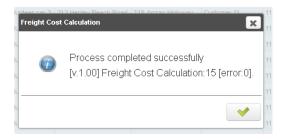
Order Transportation Requirements(OTRs) Info Window

	Date	Promised >=	雦		Date Promised <=	#		Warehouse	-	🗹 All / Any
	Busi	ness Partner		8	Product	1	Ere Ere	eight Category	-	
		Vehicle		T	Delivered		•			
						<u> </u>				
~	Date Promised	Date Promised	FU	Vehicle	Location From	Location To	Business Partner	Product	Ordered Quantity	Delivered Qu
~	01-04-2019	01-04-2019	1010000230000029	Volunteer car 2	213 Henley Beach Road	499, Port Road	Customer 6	111/313/415_Minestrone	1.00	4
~	01-04-2019	01-04-2019	1010000230000044	Volunteer car 3	213 Henley Beach Road	18, Carlisle Street	Customer 15	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000020	Volunteer car 2	213 Henley Beach Road	269 Torrens Rd	Customer 8	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000017	Volunteer car 2	213 Henley Beach Road	559, Torrens Road	Customer 7	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000008	Volunteer car 1	213 Henley Beach Road	233 Victoria Square	Customer 4	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000014	Volunteer car 1	213 Henley Beach Road	82 King William Street	Customer 3	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000005	Volunteer car 1	213 Henley Beach Road	118 Hindley St	Customer 2	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000002	Volunteer car 1	213 Henley Beach Road	97, King William Street	Customer 1	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000026	Volunteer car 2	213 Henley Beach Road	34 Days Rd	Customer 10	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000032	Volunteer car 3	213 Henley Beach Road	748 Anzac Highway	Customer 11	111/313/415_Minestrone	1.00	
~	01-04-2019	01-04-2019	1010000230000035	Volunteer car 3	213 Henley Beach Road	33a, Hastings Street	Customer 12	111/313/415_Minestrone	1.00	
2	01 04 2010	01 04 2010	101000030000023	Volunteer car ?	913 Hanlay Baach Road	00 Dave Rd	Ouetomar Q	111/R13//15 Minestrone	1.00	•
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•Freight Cost Calculation Process Run

Freight Cost Calculation			
Do you want to sta	rt the Process?		
-			
Date Promised	01-04-2019	30-04-2019	
	🗌 Run as Job		
Saved Parameters	-		
I		🔶 ОК	💢 Cancel

Process Calculation Result





3.4.7 Freight Order Cost tab

Freight Order Cost Calculate result used Freight Agreements for each Shippers:

•for Shipper 1 = Carrier 1

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	mainKitchen	Standard - Length	n (SD) 10025	513		Freight S	ervice		50	0.5	0 25.00		
	mainKitchen	Fuel Surcharge (F	S) 10025	513		Freight F	uel		50	0.0	5 2.50	æ	

•for Shipper 2 = Carrier 2

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•for Shipper 3 = Carrier 3

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	mainKitchen :	Standard - Length	(SD) 10025	14	E Fre	eight Service	25	0.5	50 12.50	a	



3.4.8 Create Invoice for Freight Cost (will be soon)

This process create new Invoice for selected records of the grid (when parameter Date promised is empty).But if you entered parameter Date promised that process run for period.

P.S. This process requires coordination.

3.4.8.1 Product or Charge

Create Invoice based a Product or Charge.

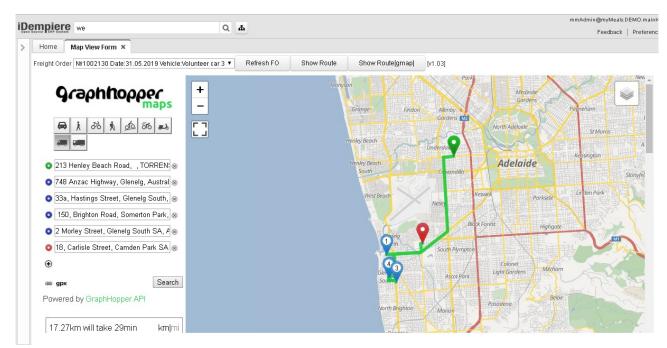
3.4.8.2 Landed Cost

Create Invoice based a Charge and Shipments for Landed Cost.

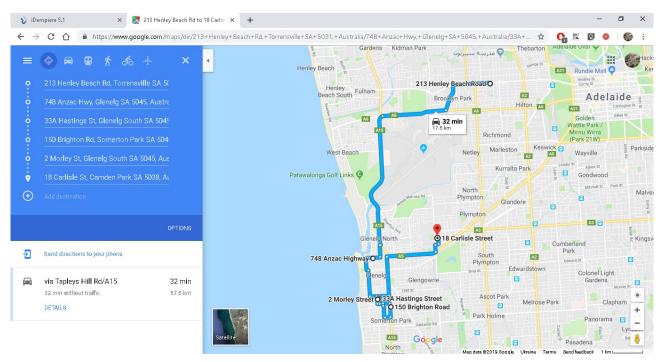


3.5 Map View Form

You can see Route on the map for each Freight Orders on GraphHopper Maps in the frame.



or/and Google Maps on the new browser tab





4 Project Protocol

4.1.1 Project Version

Transport Management v1.0.1a [without support PostGIS&pgRouting]

4.1.2 Source Repository

https://bitbucket.org/pshepetko/org.maximea.tms

4.1.3 Project Forum for Support

General support forum <u>https://groups.google.com/forum/#!forum/idempiere</u> Issues for this plugin <u>https://bitbucket.org/pshepetko/org.maximea.tms/issues</u>

4.1.4 Contact

Maximea company: maximea@maximea.pl

Peter Shepetko: pshepetko@gmail.com