

## DynaRent 10.0.25.41 for Dynamics 365 Finance and Dynamics 365

### Supply Chain Management (10.0)

#### Release Notes

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# Document Information

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# 1 General

## 1.1 Purpose

This document describes the new functionality developed for DynaRent 10.0.25.41 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0).

Purpose of this release is:

Topic	Yes/ No	Remarks
Upgrade to new Microsoft release	Yes	Microsoft Dynamics 365 Finance and Microsoft Dynamics 365 Supply Chain Management 10 build upon 10.0.22 (for backward compatibility) and validated along with 10.0.25 GA. Refer to this <a href="#">link</a> for more information.
New features	Yes	See chapter 2.1
New D365 functional topics considerations	No	Not applicable
Bug fixes	Yes	See chapter 3.1
Discontinued features	No	Not applicable

## 1.2 Audience

The audience for this document is certified partners selling and implementing as well as customers who have bought the solution

## 1.3 Content list

DynaRent 10.0.25.41 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0) is built upon D365 version 10.0.22. Since Microsoft maintains a no breaking changes policy, the fact that this release is built on version 10.0.22 means that it can be applied to an environment running on D365 version 10.0.22 or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.25 GA, we recommend to apply this release on that version as well. If you deviate from this (and thus apply the release to a different version), we recommend performing a more thorough round of testing before applying the release to a production environment.

This is summarised in the following table.

**IMPORTANT:** Customers must make sure to first upgrade to DynaRent 10.0.18.31 or higher before upgrading to MS version 10.0.19.

Release date DNR	Release DNR	Minimum required D365 version	Validated against D365 version	Compatible with D365 version
1/10/2021	10.0.21.35	10.0.18	10.0.21	10.0.18 and above
1/11/2021	10.0.22.36	10.0.19	10.0.22	10.0.19 and above
1/12/2021	10.0.22.37	10.0.19	10.0.22	10.0.19 and above
22/12/2021	10.0.23.38	10.0.20	10.0.23	10.0.20 and above
31/01/2022	10.0.24.39	10.0.21	10.0.24	10.0.21 and above
28/02/2022	10.0.24.40	10.0.21	10.0.24	10.0.21 and above
31/03/2022	10.0.25.41	10.0.22	10.0.25	10.0.22 and above

## 1.4 Available languages

DynaRent is only available and supported in the English (EN-US) language, any other available language is not supported and need to be maintained by either the partner or customer.

## 1.5 Localizations

Available localizations that need to be enabled separately within Dynamics 365 Finance and Dynamics 365 Supply Chain Management to support country specific requirements do not by default apply for the DynaRent modules. At this point DynaRent does not support these country-specific localizations. In case this is required it need to be maintained and supported by a local qualified partner that has full insight in the regulations.

## 1.6 Data Entities

This release document contains a list of the data entities that are being supported. Data Entities that are not listed are currently unsupported. The supported data entities may only be used for importing and exporting data. The partner may use these as foundation to further extend them. To-Increase does not have a policy to deliver an import/export data entity for every new functionality.

## 1.7 Security

DynaRent does not deliver a full set of duties for the entire DynaRent solution yet and we do not ensure that any pre-configured roles work in combination with standard Dynamics 365 Finance and Dynamics 365 Supply Chain Management roles and security. In the upcoming releases we will focus on this area in particular by leveraging the standard Dynamics D365 for Finance and Operations security features.

## 1.8 Compatibility with other modules

DynaRent is compatible with the following solutions for Dynamics 365 Finance and Dynamics 365 Supply Chain Management 10.0.10 or higher:

Product	Remarks
Rapid Value	Optional, requires separate license and separate deliverable
Advanced Project Management	Optional, requires separate license and separate deliverable
Advanced Maintenance and Service	Optional, requires separate license and separate deliverable
Advanced Project Planning	Optional, requires separate license and separate deliverable
Product Engineering	Optional, requires separate license and separate deliverable
Business Integration Solution	Optional, requires separate license and separate deliverable
Connectivity Studio	Optional, requires separate license and separate deliverable
Dynamics Anywhere	Optional, requires separate license and separate deliverable
Security & Compliance Studio	Optional, requires separate license and separate deliverable
Action Management	Optional, requires separate license and separate deliverable
DynaRent Anywhere	Optional, requires separate license and separate deliverable
DynaRent BI Easy	Optional, requires separate license and separate deliverable
DynaRent 365 CE	Optional, requires separate license and separate deliverable
DynaRent IoT	Optional, requires separate license and separate deliverable
DynaRent PowerApps Customer Portal	Optional, requires separate license and separate deliverable
DynaRent Employee PowerApps	Optional, requires separate license and separate deliverable

## 1.9 License coverage

DynaRent is governed by two licenses that control access to specific functions and features.

Feature	License	Remarks
DynaRent <ul style="list-style-type: none"><li>Rental Order Management</li><li>Business Objects</li><li>Work Order Project Planning</li><li>Utilities</li><li>Field Service PowerApps</li></ul>	DNR I	
DynaRent <ul style="list-style-type: none"><li>DynaRent BI</li></ul>	DNR II	

Important: It is not possible to run DynaRent without the DNR I license.



## 1.10 Upgrade from earlier versions

*Refer to installation guide for more details.*

Upgrade of DNR from DNR for D365 onwards is supported via the use of the migration process and tooling as required to upgrade from Microsoft Dynamics 365 Finance and Microsoft Dynamics 365 Supply Chain Management Enterprise Edition.

If you are upgrading from an earlier version than N-1 please read all the related release notes carefully to make sure you are following the required steps.

## 2 New features

### 2.1 New for this release.

#### Assign serial

**Note:** The “Assign Serial” configuration key must be enabled in order to be able to use this new feature.

The Assign serial feature adds a lot of value to our standard DynaRent processes in helping our customers gain speed and efficiency in creating and processing orders with large quantities of serialized assets.

Key processes where the Assign serial has been positioned:

- Rental orders
- Purchase orders
- Rental quotations (and project rental quotations)
- Rental transfer orders

Purchase order /subrental order:

- Create and assign serial numbers with a single click of a button.
- Receive partial or full quantity and assign the serial number accordingly.
- Create serial numbers based on standard serial number format (defined on inventory parameters).
- Use custom formats to create and assign serial numbers.
- Create manual serial numbers and assign.

Rental order/rental quotations:

- Assign multiple business objects based on BO availability with a single click of a button.
- Assign partial or full quantity.
- Split supplementary item lines based on business object assignment.
- Splitting lines when generating the picking list.

Rental transfer orders:

- Assign multiple business objects based on BO availability with a single click of a button.
- Assign partial or full quantity.
- Splitting lines when generating the picking list.

Summary overview:

- On the purchase, rental, sub-rental order, rental quotations list page a button has been added to display the summary view of the order. The same button will be available from the order form itself. It displays the summary of the quantity per item. The overview is based on the Line quantity form but it will sum all the same items together in one overview. The Expand button will open the rental order with a filter on the specific line/s selected.

## Advanced rental invoice check - pre-invoice check - log messages selection

There are standard fixed log messages in DynaRent (see the table below for more details) that are considered during the pre-invoice check run of customers. Previously, customers could not specifically choose or differentiate in which log messages are applicable for their different advanced rental invoice batches.

Name	Throws warning if:
checkNetAmount	Rental line and net amount = 0
checkDeliveryStatus	Line status is < delivered
checkInvoiceProfile	Rental line and invoice profile on line != invoice profile on order
checkCalendar	Rental line and calendar on line != calendar on order
checkRentalDates	Rental line and - off-rent is blank and line status is returned or - off-rent is not blank and line status is not inbound, returned or invoiced
checkLineQty	Line does not have a parent and quantity > 1
checkLineAmount	Not a rental line and unit price = 0
checkRentalStopApplied	Rental line and - On-rent != off-rent and period contains a rental stop or - On-rent == off-rent and period does not contain a rental stop
checkVATNum	VAT is missing on order
checkPendingCredits	Rental line and period contains a credit
checkExchangeTime	Rental line and exchanged but not at 12 AM
checkTotalAmount	Total amount of the invoice = 0

Starting from this release it is possible to select and deselect different warnings via the following parameters:

1. Rental order management – Rental invoicing – Advanced rental invoice management. After the parameters are selected next batch job for pre-invoice checks will pick up the values and use them during execution.

Advanced rental invoice management | Standard view

**DEMF-000005 : Daily invoicing**

General

Setup

Parameter

Invoice checks

**PRE-INVOICE HEADER CHECKS**

Tax exempt number  Yes

Header amount  Yes

Time zone  Yes

**PRE-INVOICE LINE CHECKS**

Delivery status  Yes

Invoice profile  Yes

Rental dates  Yes

Calendar  Yes

Line amount  Yes

Quantity  Yes

Rental stop  Yes

Credits  Yes

Exchange  Yes

**POST-INVOICE LINE CHECKS**

Invoice status  Yes

2. Rental order management – Periodic – Pre/Post – invoice check.

## Pre/Post - invoice check

**Parameters**

**GENERAL**

Calculation date  
1/31/2022 06:00:00 PM

Invoice check option  
Pre-invoice

**PRE-INVOICE HEADER CHECKS**

Tax exempt number  
 Yes

Header amount  
 Yes

Time zone  
 Yes

**PRE-INVOICE LINE CHECKS**

Delivery status  
 Yes

Invoice profile  
 Yes

Rental dates  
 Yes

Calendar  
 Yes

Line amount  
 Yes

Quantity  
 Yes

Rental stop  
 Yes

Credits  
 Yes

Exchange  
 Yes

**POST-INVOICE LINE CHECKS**

Invoice status  
 Yes

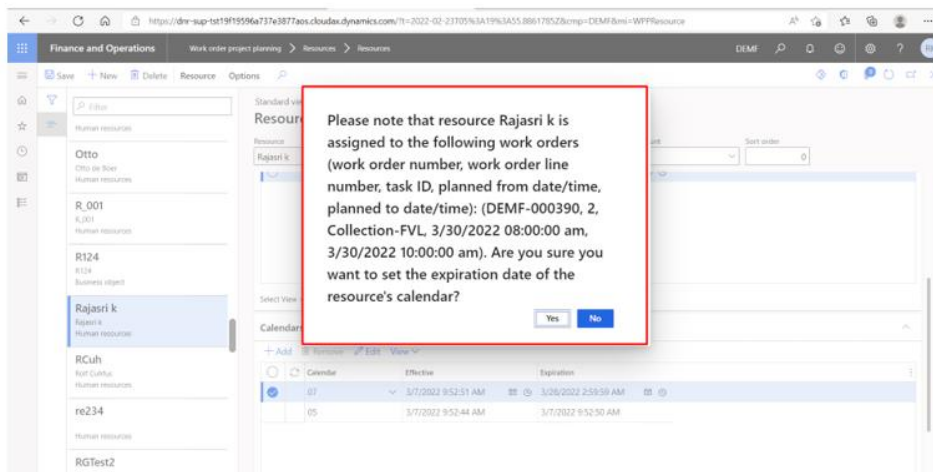
Please note that respective classes were made extensible to ensure possibility for modifications, if needed.

## 2.2 New functional topics considered for this release

### Improvements on Service plan board

In line with DNR usability improvements, a new Warning has been introduced on Service plan board in this scenario:

-if a resource is assigned to one or more tasks, during setting of an expiration date on the resource, the system verifies that there are no tasks assigned after this date. Otherwise, the warning below will be displayed.



If the user chooses Yes, the expiration date can still be applied, since the message above is a warning only, not an error.

## Rental order - exposing the logistical dates related to packing slip/return

In line with DNR usability improvements, we have introduced a new grid to display relevant transaction dates of the rental order lines (packing list date/time and return note date/time). This grid is included in the Line quantity form, accessible from both the Rental order header, as well as the Rental order line.

User story:

As a user, I would like to see, with one click, an overview of what has been delivered (how much in case of partial bulk items) and when.

Once the user selects a transaction in the Main grid, the details of that transaction will be populated in the Child grid (name of the grid: Transaction dates).

This will make it easier for the users to browse through the rental order lines and read the logistical relevant information. This information will also be used to be exposed to the rental Customer Portal.

06955: OVTTEST | Standard view

### Line quantity

Overview

Item number	Serial number	Fleet number	Product name	Sales category	Quantity	Invoiced	Invoice remain...	Delivered	Deliver remainder	Picked	Physical reserv...	Ordered reserv...	On order	Work quantity	Returned	Physical reserv...	Picked	Return remain...	
AWPE12M	BO-27		Aerial Work Platform ...		1.00	1.00	1.00	1.00											1.00
Warranty			Warranty	AWP - Sales	1.00	1.00		1.00											
Warranty			Warranty	AWP - Sales	1.00	1.00		1.00											
Pipe_6M			Pipe 6m		1.00	1.00	1.00												1.00
Pipe_6M			Pipe_6M		1.00	1.00	1.00												1.00
Pipe 11m			Pipe 11m		1.00	1.00	1.00												1.00

### CW quantity

Item number	Product name	Sales category	CW quantity	Invoiced	CW invoice re...	Delivered	CW deliver re...	Picked	CW physical re...	CW reserved s...	CW on order
AWPE12M	Aerial Work Platform Electric 12M										
Warranty	Warranty	AWP - Sales									
Warranty	Warranty	AWP - Sales									
Pipe_6M	Pipe 6m										
Pipe_6M	Pipe_6M										
Pipe 11m	Pipe 11m										

### Transaction dates

Item number	Serial number	Fleet number	Batch number	Location	Packing slip	Packing slip update date/Time	Rental return note	Return note update date/Time	Quantity	Unit
AWPE12M	BO-27				SPC-004814	2/7/2022 8:00:00 AM			-1.00	pcs

## CMR on Work order line details screen

The CMR button has been added in two places for a planned work order task:

- In the group "Functions" of the context menu.

My view

### Service plan board data

Overview | General | Details | Business object | Work order | Addit

Assign | Additional notes

Work order number	Account number	Search name
DEMF-000341	DE-010	A Datum Corporat
DEMF-000342	DE-012	Litware Retail
DEMF-000352	C00001	Global Internal Cu
DEMF-000353	C00001	Global Internal Cu
DEMF-000354		
DEMF-000354		

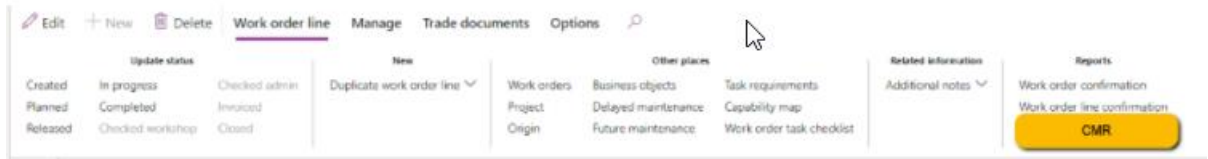
DATE RANGE: From 2/3/2022 12:00:00 AM

Resources: Hilti A, GTC70M-005, Human Resource1

Work order: DEMF-002446, Work order name: CW Non plugin work order te

Functions: Unassign task, Duplicate task, Confirm work order, Confirm task, Work order line details, Assign task, Task requirements, Filter on requirements, Update status (Planned, Released, In progress, Completed, Checked workshop, Checked admin, Invoiced, Closed), **CMR**

- On the Work order line details form in section "Reports".



## 2.3 Discontinued features for this release

No functional topics were discontinued in this release.

## 2.4 New changes for the upcoming release(s)

At To-Increase we continuously investigate how to improve the user experience of our products.

Therefore, we will collect application usage data ('telemetry data') from our applications. We will anonymize any personal data and therefore will only use data which cannot be related to individual persons for this purpose. Furthermore, we will delete the telemetry data from our systems after 12 months.

If you would like to opt-out please contact us.

## 3 Fixes summary

### 3.1 Fixes for this release

Functional Area	ID	Title
Rental agreements	116275	<p>Incorrect reference rental agreement when looking up from customer detail page</p> <ul style="list-style-type: none"><li>- When looking up rental agreements from the customer detail page, in this specific scenario, the system was displaying the incorrect reference: when you look up the rental agreements for a customer which has a prospect number that is the same as a project number for which a rental agreement exists as well. This has been now resolved.</li></ul>
Rental order	137870	<p>Price group on rental order from project remains empty</p> <ul style="list-style-type: none"><li>- The field price group (Header &gt; Price and discount) was not automatically populated when creating (1) a rental from a project page and (2) manually creating rental order, attaching a work location code which has a project connected to it. This has now been resolved.</li></ul>
Rental order	139108	<p>Cannot assign sub rental BO to rental order</p> <ul style="list-style-type: none"><li>- Not able to assign a business object in the rental order line when the Business object is received using subrental Purchase order in different warehouse. This has now been resolved.</li></ul>
Rental quotation	139587	<p>ReportLanguage SSRS on Rental Quotation based on user settings</p> <ul style="list-style-type: none"><li>- When a rental quotation is printed the report language is based on the user setting instead of the language of the order. This has now been resolved.</li></ul>
Transport plan board	141057	<p>Transport plan board Address Pickup tasks not fetched</p> <ul style="list-style-type: none"><li>- Wrong or empty address in Transport planning when workorder has got an address. This scenario has been resolved.</li></ul>
Rental invoice proposal	143022	<p>Transport costs are not included on the invoice when invoice is created after invoice proposal</p> <ul style="list-style-type: none"><li>- Service items like transport cost which have a header and children lines are not invoiced after you first created an invoice proposal for the same order. This has been resolved.</li></ul>

# 4 Known Issues

## 4.1 Known issues for the release

### 4.1.1 **General**



## 5 Data Entities for import/export

*Please refer to installation guide for technical details.*

### 5.1 Changes for this release

No changes were made to the import/export data entities in this release.

### 5.2 Known issues for this release

- Rental shop card entity- shop card activation along with new card import does not work in this version. The rental shop cards should be imported in inactive mode and then activated manually.

# 6 Data entities for Business Intelligence

*Refer to installation guide for technical details.*

## 6.1 Known issues for the release

Some entities contain fields of the type datetime. Finance and Operations stores the information of these fields as UTC datetime in the SQL database table. To be able to transform this datetime to local time, an extra field is available in the SQL table containing the time zone id. Due to a technical limitation this information is not yet available and will be transformed in the BI data warehouse to a local time, based on a fixed value. It is expected that this issue will be solved in the next release.

## 6.2 Changes for this release

Below a list with the major changes and impact of the modified data entities for this release. For further information you can contact our support department to provide additional services and/or training to assist in case needed.

# 7 Data Entities for PowerApps

The PowerApps solution is under re-structuring and make-over phase. The release notes will be updated along with the app release in upcoming releases.

## 8 Data Entities for Rental Customer portal

Setting up/implementing the 'Rental Customer Portal' requires the setup of data integration projects to synchronize data from Finance and Operations to Dataverse.

One of the data integration projects that needs to be set up is the data integration project for synchronizing sales invoice line data. A data integration project uses a data entity to fetch data from Finance and Operations.

If you have a data integration project set up for synchronizing sales invoice line data and this data integration project makes use of the 'SalesInvoiceLineV2' data entity (i.e., 'Sales invoice lines V2'), then please create a new data integration project that makes use of the 'SalesInvoiceLineV3' data entity (i.e., 'Sales invoice lines V3'), as the 'SalesInvoiceLineV2' data entity is not supported anymore.

Please refer to the DynaRent Customer Portal release notes for further details.

## 9 Configuration keys

This chapter contains a summary of all the configuration keys that are included in this release, along with the functionality they implement. If you are not using the functionality, please disable the corresponding configuration key. More information on how to disable configuration keys can be found [here](#).

Configuration key	Purpose	Recommendation
DynaRent CE Integration	Supports the DynaRent CE product and functionality	Disable if the DynaRent CE product is not being used
DynaRent PowerApps	Supports the DynaRent Mobile product and functionality	Disable if the DynaRent Mobile product is not being used
Rental customer portal	Supports the DynaRent Customer portal product and functionality	Disable if the DynaRent Customer portal product is not being used
Rental data entities (BI)	Support the DynaRent BI product and functionality	Disable if the DynaRent BI product is not being used
Keep deleted DynaRent * objects	Objects that have been deprecated between certain periods	Disable after usage of the deprecations have been refactored
Deprecated features	Objects that have been deprecated	Disable after usage of the deprecations have been refactored
On-hand rental inventory	Support the on-hand rental inventory functionality	Enable
Fleet number	Support the fleet number functionality	Enable
Additional notes	Additional notes on work orders	Enable
Rental dates	Supports the rental dates functionality	Enable
Rental invoicing	Supports the rental invoicing functionality	Enable
Rental shop	Supports the rental shop functionality	Enable
Tax matrix	Support the tax matrix functionality	Enable
Assign serial	Supports the assign serial functionality	Only enable when you want to use this functionality (by default it is disabled)

# 10 Roles & Security

This chapter contains the latest information around the roles and security within this release. This release contains a couple of specific roles that we have identified. These roles and related security can be used as foundation for extend it with your own needs. In this release we do not deliver full duties and privileges for the entire DynaRent solution yet and we do not assure that any pre-configured roles work in combination with standard Dynamics 365 Finance and Dynamics 365 Supply Chain Management roles and security. In the upcoming releases we will focus on this area in particular by leveraging the standard Dynamics D365 for Finance and Operations security features.

## 10.1 Roles overview

Below an overview of the available DynaRent roles in this release:

Role name	Description
Administrator	Administrator
DynaRent User	Simple User
Rental Administrator	Administrator at the rental department
Rental Clerk	Operational rental employee
Rental Coordinator	Coordinator at the rental department
Fleet Finance	Financial overview of the entire fleet
Fleet Manager	Operation fleet manager
Rental Manager	Manager at the rental department
Rental Representative	Sales representative at the rental department
Rental Sales Clerk	Sales representative at the rental department
Service Coordinator	Coordinator at the service department
Service Planner	Service planner
Technical Administration	Manager of the service department
Technical Manager	Technical manager at the service department
Transport Manager	Manager of the transport department
Transport Planner	Transport planner
Workshop Employee	Employee at the work shop
Workshop Manager	Manager at the workshop
DynaRent Field Service Engineer	For employees using the Field Service App
Customer Portal Integration User	For the user account used for Portal integration

# 11 Breaking Changes

*Refer to installation guide for technical details.*

# 12 Deprecations

*Refer to installation guide for technical details.*