

DynaRent 10.0.29.44 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0)

Release Notes

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1 General

Purpose

This document describes the new functionality developed for DynaRent 10.0.29.44 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 10.0.26 (for backward compatibility) and validated along with 10.0.29 GA. Refer to this link 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

Audience

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

Content list

DynaRent 10.0.29.44 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0) is built upon D365 version 10.0.265. Since Microsoft maintains a no breaking changes policy, the fact that this release is built on version 5 means that it can be applied to an environment running on D365 version 10.0.26 or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.29 GA, we recommend applying 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.

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
03/06/2022	10.0.26.42	10.0.23	10.0.26	10.0.23 and above
05/08/2022	10.0.28.43	10.0.25	10.0.28	10.0.25 and above
05/10/2022	10.0.29.44	10.0.26	10.0.29	10.0.26 and above

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.

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.

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.

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 by leveraging the standard Dynamics D365 for Finance and Operations security features.

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

License coverage

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

Feature	License	Remarks
DynaRent Rental Order Management Business Objects Work Order Project Planning Utilities Field Service PowerApps	DNR I	
DynaRent DynaRent BI	DNR II	

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

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

New for this release: Rental agreements – pricing method

The Rental Agreement pricing elements Discount and Net Price have always been related to each other. Until the current version of DynaRent, the Net Price was always applied, even when a higher/lower Discount was defined.

With the current version of DynaRent, we are supporting 2 additional scenarios, covering in total 3 pricing methods, which offer our customers the full flexibility of responding to a wide range of scenarios and changes in the market conditions. In this way, our existing customers can rely on the functionality on how it always has been – typically for customers that are using Gross Price + Discount as their base model for the Rental Agreements, or choose for other scenarios, where Gross Price + Net Price and occasionally Discount are used.

A new parameter for Rental agreements has been introduced, that will enable the 3 following type of Rental agreement behavior in the system:

Pricing method
-Standard (current functionality Rental agreements - unchanged)
-Highest priority rental agreement
-Best price

Highest priority rental agreement:

With this proposal, the rental agreement type that is applied will be the highest priority rental agreement, regardless of Gross Price + Net Price or Gross Price + Discount too – which is becoming more common in today's competitive rental market.

Example:

- Project Agreement has 99% discount.
- Customer Agreement has 10,- EUR Net Price.
- Default Agreement has 100,- EUR Gross
- If the highest rental agreement applied to the line –in this case the project agreement- has a Discount of 99%, this one should be used over the Net Price – that is because the Discount is set on a higher level than the Net Price.

Best price

Using this pricing method, DynaRent will always pick the 'best price'.

In this way, our customers can both use Discount and Net price together, while they can rely on the system to always pick the best suitable price for their customers.

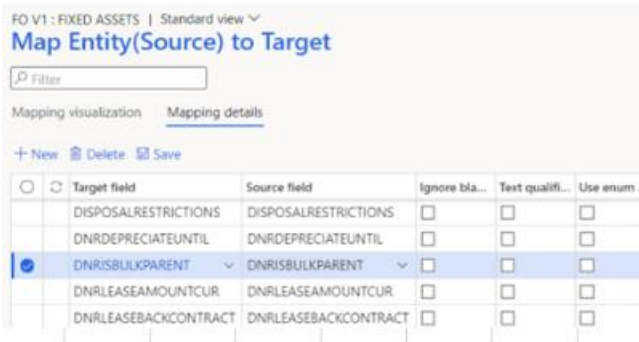
Example :

- Customer Agreement has 10,- EUR Net Price.
- Project Agreement has 99% discount.
- Default Agreement has 100,- EUR Gross Price.
- In this case the Discount will be used (even though the Net is set on an agreement with a higher priority).

New functional topics considered for this release

Fixed assets V2 entity has been updated with the DNR specific fields (Data Management module)

Below rental fields have been added to the Vendor V3 entity:



FO V1 : FIXED ASSETS | Standard view

Map Entity(Source) to Target

Filter

Mapping visualization Mapping details

+ New Delete Save

Target field	Source field	Ignore bla...	Text qualifi...	Use enum ...
DISPOSALRESTRICTIONS	DISPOSALRESTRICTIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DNRDEPRECIATEUNTIL	DNRDEPRECIATEUNTIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DNRISBULKPARENT	DNRISBULKPARENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DNRLEASEAMOUNTCUR	DNRLEASEAMOUNTCUR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DNRLEASEBACKCONTRACT	DNRLEASEBACKCONTRACT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Important note:

Make sure **Set-based processing** option is disabled at entity level (see below screenshot) and 'Major type' standard field has test data before importing Fixed assets V2 entity.

'Major type' dropdown is not mandatory field in UI at create fixed asset page.



Entity	Staging table	Target entity	Entity type	Change tracking	Type	Set-based processing
Fixed assets V2 entity	AssetFixedAssetV2staging	AssetFixedAssetV2entity	entity	None	AssetFixedAssetV2Entity	<input type="checkbox"/>

Discontinued features for this release

No functional topics were discontinued in this release.

New changes for the upcoming release(s)

Not applicable.

3 Fixes summary

Fixes for this release

Functional Area	ID	Title
Business objects	143118	Error when run the 'Invoice control' report from the BO Service agreement. - The project type should be defaulted from the selected project in the 'Business Object Service agreement'. The system should calculate the invoiced and non-invoiced transactions, similarly to the started report from Project ID > Control > Invoice control. This has been resolved.
Time zones	145907	Time zone is not copied from Rental order to a Sub rental order via the Intercompany process. - When a subrental order was created from a rental order within one company via Back to Back or Direct delivery process, time zone was not copied from Rental order to a Sub rental order via Intercompany process. This has been resolved.
Rental orders	145909	Intercompany buttons work incorrectly for RO and SRO. - Buttons Intercompany SO and Intercompany PO were active instead of Intercompany RO and Intercompany SRO;-When clicking on those buttons views on RO and SRO were limited while those should be equal to when user opens those items from a list page. This has been resolved.
Rental orders	146000	In Rental Order Line Search (ROLS) child rental order lines are shown, however child rental order lines are not shown in Rental Quotation Line Search (RQLS). This has been solved.
Transport plan board	146662	When dragging an unplanned task (delivery or pick-up) to a resource on the planned task side of the form, and instead of dropping it on a time slot, the task is dropped on the resource name, the task disappears. This has been resolved.
Transport plan board	152919	Transport plan board with technical exchange - fail to plan both Delivery & Pickup tasks simultaneously. -This has been resolved.
Work location	148863	Re-fetching the new price agreement when the work location is updated on the RQ/RO/Project RO/ Project RQ. - Currently when user updates the work location on an already created order line/quotation line, the system doesn't apply the new price agreement which is valid for the new work location to the quotation/ order line(s). This has been resolved.
Work location	151266	Changes of the Work location doesn't update/recalculate the Inventory quantity of transport lines on the Rental order/ Rental quotation. - The inventory quantity of the transport lines keeps the original quantity and doesn't match with the updated sales line quantity. This has been resolved.
Rental agreements	151276	The rental price is not calculated correctly when the warehouse changed: - The warehouse on the header is used for fetching the new price agreement, instead of using the warehouse value on the line level of Rental quote/Order.

		The price tiers are not applied for the new price when the warehouse is changed. This has been solved.
Rental orders	151871	Exchange is giving an error when off-rent date is greater than expected off rent. - When performing an exchange (both technical and commercial), when the off-rent date is greater than the expected off-rent date of the line, the system throws an error. This has been resolved.
Business objects	152428	Business object is assignable in different legal entities if you use picking list registration. -Solution implemented- when changing dates on the Business object (last on rent date) or the Physical owner, a validation has been introduced: 1.Search for Rental transactions of type Rental in sub-statuses: Ordered, Confirmed, Picked, Outbound, Prepared, Delivered, Built. In case the last on-rent date is earlier than the end of the Rental transaction in the above statuses, show an error for statuses Ordered, Confirmed, Picked, Outbound, Prepared, Delivered, Built. 2.Search for Rental transactions of type Rental quotation in sub-statuses > or = to Quotation. In case the last on-rent date is earlier than end of the Rental transaction in the above statuses, show a warning for statuses Ordered, Confirmed, Picked, Outbound, Prepared, Delivered, Built.
Rental totals	153906	Rental totals not calculated correctly with tier setup when RLE is opened the first time. - With an invoice profile based on On creation parameter and tiers selected on the first serialized item belonging to a kit, the rental totals were not calculated correctly. This has been resolved.

4 Known Issues

Known issues for the release

General

5 Data Entities for import/export

Please refer to installation guide for technical details.

Changes for this release

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

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.

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.

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.

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.