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STAEDEAN Equipment Rental 10.0.41.53 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0)

Rental Management, Rental Logistics scanning and Rental Mobile Operations

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Document Information

Title	STAEDEAN Equipment Rental 10.0.41.53 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0)
Subtitle (Subject)	Rental Management, Rental Logistics scanning and Rental Mobile Operations
Solution Suite	STAEDEAN Equipment Rental
Category	Rental
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Comments	

1.   General

1.1   Purpose

This document describes the new functionality developed for STAEDEAN Equipment Rental 10.0.41.53 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0).

The 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 10.0.38 (for backward compatibility) and validated along with 10.0.41 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

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   Available languages

STAEDEAN Rental management is available and supported in the English (EN-US) language. Starting from release 10.0.32.47 the languages German, French, Spanish, Portuguese, Dutch, Italian, Norwegian, and Polish are available to be used next to the English language. Starting from release 10.0.35.48, Swedish language is also available, and starting from release 10.0.37.48, the Danish language is introduced. Any other available language is not supported and needs to be maintained by either the partner or customer.

The STAEDEAN Rental Mobile Operations App is only available in the English (EN-US) language. Other languages are currently not supported.

STAEDEAN Rental Logistics scanning is only available in the English (EN-US) language. Other languages are currently not supported. It is possible to translate the Anywhere labels (labels used within the mobile processes) or label files (label files used within the standard applications). For the translation, either the translation API of Google or Microsoft is used. In order to use one of the translation services you need an API key from either Google* or Microsoft*.

1.4 Product release information

STAEDEAN Equipment Rental 10.0.41.53 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0) is built upon D365 version 10.0.38. Since Microsoft maintains a no breaking changes policy, the fact that this release is built on this version means that it can be applied to an environment running on D365 version 10.0.38 or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.41 GA, we recommend applying our TI product release on that MS 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	Release version	Minimum required D365 version	Validated against D365 version	Compatible with D365 version
03/04/2024	10.0.39.51	10.0.36	10.0.39	10.0.36 and above
31/07/2025	10.0.40.52	10.0.37	10.0.40	10.0.37 and above
04/10/2025	10.0.41.53	10.0.38	10.0.41	10.0.38 and above

In case of an Error, STAEDEAN may provide a Hotfix on a reasonable efforts basis in a way it considers appropriate in its discretion. STAEDEAN cannot be obliged to provide Hotfixes if the Client has not deployed the latest release or the Release second to the latest Release and/or is not using a supported version of Microsoft Dynamics.

To ensure our customers can fully leverage the latest enhancements, features, and quality improvements, we are committed to providing increased support by keeping them updated with the most recent releases. Our data indicates that customers on the latest version experience fewer issues and requests, demonstrate greater resilience, and effectively enhance their organizational efficiency.

For more information about our latest available product versions, the latest validated GA-versions from Microsoft as well as the Minimum MS version required, please visit the page: Knowledge Base - Support - STAEDEAN.

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 STAEDEAN Rental Management modules. At this point, STAEDEAN Rental Management does not support these country-specific localizations. In case this is required it needs 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 a foundation to further extend them. STAEDEAN does not have a policy to deliver an import/export data entity for every new functionality.

1.7   Security

STAEDEAN does not deliver a full set of duties for the entire STAEDEAN Rental Management 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.

1.8   Compatibility with other modules

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

Rapid Value	Security & Compliance Studio
Advanced Project Management	Action Management
Advanced Maintenance and Service	STAEDEAN Rental Logistics scanning
Advanced Project Planning	STAEDEAN Rental Management BI Easy
Product Engineering	STAEDEAN Rental Management 365 CE
Business Integration Solution	STAEDEAN Rental Management IoT
Connectivity Studio	STAEDEAN Rental Management PowerApps Customer Portal
Dynamics Anywhere	STAEDEAN Rental Management Employee PowerApps

Note: These are optional, and they each require a separate license and are each a separate deliverable.

1.9   License coverage

STAEDEAN Rental Management is governed by three licenses that control access to specific functions and features.

Feature	License	Remarks
Rental Order Management	DNRDynaRent	
Business Objects		
Work Order Project Planning		
Utilities		
Field Service PowerApps		
DynaRent BI	DNRBIEntities	
Anywhere for Rental	DNRDynaRentAnywhere	

Important: It is not possible to run STAEDEAN Rental Management without the DNR I license.

1.10   Upgrade from earlier versions

Refer to the installation guide for more details.

Upgrade of STAEDEAN Rental Management (former DynaRent) 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.

STAEDEAN cannot assume responsibility for any data corruption or loss resulting from software updates applied without prior testing in a dedicated User Acceptance Testing (UAT) environment. We strongly advise customers and partners to conduct thorough testing in their UAT environment before deploying updates to production.

Should UAT testing fail or if data corruption occurs due to improper upgrade procedures, it is crucial that customers and partners refrain from applying the package to any other environment and instead contact STAEDEAN for assistance.
Please note, any intervention by STAEDEAN to rectify data issues under these circumstances will be subject to charge.

1.11   Model delivery discontinued

Models are no longer going to be released from STAEDEAN Rental Management 10.0.30.45 release onwards. If you still require the models, please contact our support team with a business reason.
If you have installed models from any of the previous releases of STAEDEAN Rental Management, you must remove them before installing STAEDEAN Rental Management 10.0.30.45 or later.

2.   What's New

This chapter will contain all features, enhancements and change request added to the three rental products.

2.1   What's New!?

Company and product name change:
As per the 11th of July 2024, To-Increase B.V. changed its name to STAEDEAN B.V. With this name change, our products have also changed by name.

STAEDEAN Rental Management
Is the new name for DynaRent.

STAEDEAN Rental Logistics Scanning
Is the new name for Anywhere for Rental

STAEDEAN Rental Mobile Operations
Is the new name for DynaRent Mobile

2.2   Features and enhancements

2.2.1   Invoice profile – Invoice start/end "Base on On-rent/return"

On popular request from multiple customers, we are introducing the "Base on On-rent/return" option for the invoice start/end in the invoice profile. Which is a combination of the two existing options.

The "Base on On-rent/Return" option is based on the "base on On-rent/Off-rent date/time" option, but with the exception that the Off-rent date can be populated based on the return note. Just like with "Base on Packing slip/return", (sub)rental order lines can be selected for return without validation on the off-rent date.

When the off-rent date is blank, this date will be populated from the return note.
When the off-rent date is defined, then this date will not be overwritten by the return note.

With returning bulk quanties, if the bulk is partially returned, then the invoice period will be correctly updated and the order line will not receive an off-rent date.
If the full bulk quantity is returned, then the order line will receive an off-rent date.

Next to the return note, also the return journal, Logistics Scanning Rental return and the Logistics Scanning Mass return are supporting the new "Base on On-rent/Return" option.

### 2.2.2   Support for intercompany transactions with New mobile: Field service

A lot of customers have scenario's where a driver/mechanic from Legal entity A will perform work on a work order from legal entity B, where this user from legal entity A must be able to post his hours and used items on the project of the work order from legal entity B. This from standard AX not directly supported. Therefor we have applied the following change.

2.2.2.1 Concerning hours:
Hours journals cannot be posted intercompany. But from standard AX, project timesheets support posting hours between legal entities. Therefor we applied a change, that a customer that would like to post hours from the app intercompany to change the behaviour.

The user will book his hours as usual in the field service app, and these will be listed in the work order line transactions table.

Depending on new setup in the work order parameters the customer can choose that these hour lines will be processed as hour journals or Project timesheets.
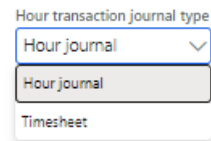
With the option Hour journal, no intercompany is supported and the hour lines will be posted as hour journal.
With the option Timesheet, intercompany is supported and the lines will be created on a project Timesheet. Depending on the project listed in the work order line transaction, the Timesheet lines can be posted in the same legal entity or on the project in the other legal entity.

Example of a timesheet in legal entity DEMF, posting hours to USMF.

2.2.2.2 Concerning Item transactions:
Directly posting item transactions from legal entity A to the project of the work order in legal entity B is not supported by standard AX. But standard AX does support intercompany sales / purchase orders. Therefor the following is developed.

To support intercompany item transactions, the process will trigger an intercompany transaction in the form of an Intercompany purchase order and sales order between the two legal entities.

A resource from Legal entity DEMF is planned to work in the mobile field service app on a work order with a project from Legal entity USMF.

The resource will register his used items in the field service app, which are brought to the Work order line transaction table. When the process button on the work order line transaction of type Item is used, then the system will validate the legal entity in the source entity field on the warehouse to the legal entity of the project.

If the legal entities are equal, no additional action required.
When the legal entity is not equal, then the system will take the following action.

In legal entity USMF it will lookup the vendor required for an intercompany action for Legal entity DEMF and create a Purchase order with the required lines. In USMF the standard warehouse of the item is used. System will automatically create an intercompany sales order in DEMF. On the sales order the warehouse from the item transaction line is used.

Further an item journal in USMF is created on the project in USMF to post the usage of the item. In this action the USMF warehouse from the purchase order is used.

2.2.3   Option to add Rental type to unused released products
Previously the rental type had to be created on the product, before its released. There are scenarios that users forgot to create the rental type before they released the product or when a customers uses an external party to create released products directly in the system.

Therefor we introduce the option that the rental type field on the product will stay available to create and assign a rental type, as long as there are no item transactions on the released product. This will be validated in all legal entities were the product is released.

If there are item transactions on any of the released products, then the field will be greyed out.

2.2.4   Cross legal-entity assembly journals for rental orders
Part of the new business object component functionality, the user is able to create an assembly journal from the rental quotation / rental order. The assembly journal would be created in the same legal entity as the rental quotation / rental order.

With this release we introduce the option to create cross legal-entity assembly journals, to support the scenario that the required object needed on the rental order in legal entity DEMF, needs to be assembled in an assembly order in legal entity USMF.

After the assembly journals is created in USMF, the journal can be processed. When the journal is posted, just like in the normal process, the serial number of the object will be pushed to the rental order in the other legal entity.

Due to this feature, some changes has been made to the assembly journals. As result, for customers that already have created assembly journals, please run the following job:
<ENVIRONMENTURL>/?mi=SysClassRunner&cls=DNRBOCComponentJournalLegalEntityUpdateJob&cmp=<company>

This is an update job which will populate the new legal entity field based on the old one for existing assembly/disassembly journals for customers.

2.2.5 Support charges in the project rental quotation

On the rental quotation, rental order and project rental order, the ability to maintain charges is supported. Starting this release, the option to maintain charges is also supported on the project rental quotation.
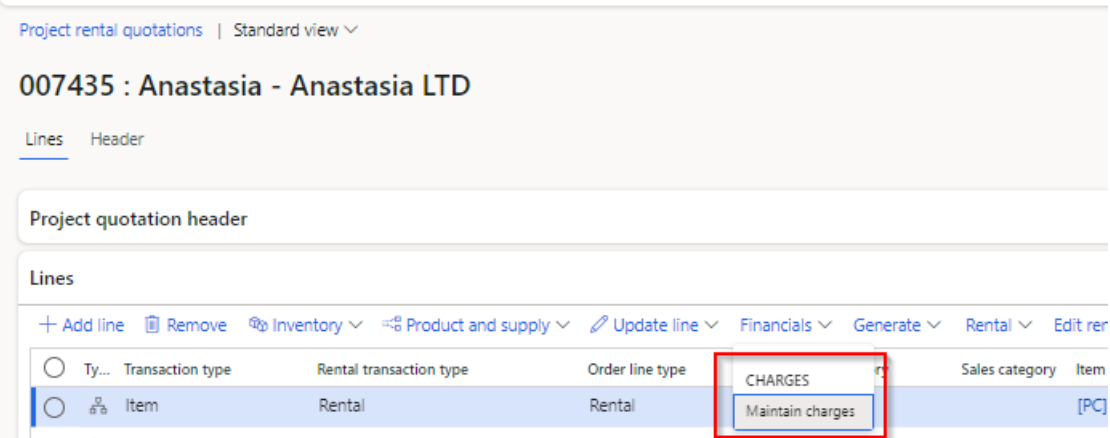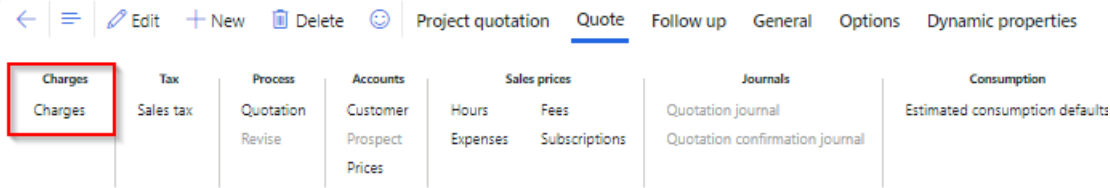
It is possible to maintain the charges on the header and on the item lines. Added charges are taken into account in the rental totals.

If any charges are entered on project rental quotation header and/or project rental quotation line, than the charges will be applied to the rental order header or rental order line respectively upon creation of the rental order in the Transfer to project action.

It is only possible on the project rental quotation header/line to add, remove or edit charges when the status is "Created" or "Revised".

2.2.6 Site/warehouse/location filter on Availability forms

Part of the previous release, Business object locations functionality was added, which can be enabled by config key "Business object location". This functionality stores the objects site/warehouse/location for an object when its inside the warehouse.

Part of this release we are extending multiple forms, to allow the user to search for business objects based on the site, warehouse and location that is registered on the business object location log.

2.2.6.1 Assign business object form

On the Assign business object form the fields site/warehouse/location are added to allow the user to search on business object that are in that location. The site/warehouse/location are not displayed on the grid, but the user has the possibility to add these with Add columns.

Assign business object

Business objects

	Start date/time		End date/time											

Start date/time: 4-10-2024 02:00:00   End date/time: 31-10-2024 06:00:00

Available	Component	Assignable	Object number	Serial number	Fleet number	Fixed asset number	Rental type	Product nu...	Street	City	On-rent date/time	Site	Warehouse	Location
✓ ✓		✓	DEMF-019448	196451	196451		WLOC	WLOC		Holtsville		Rental	DEPAL	DA_01
✓ ✓		✓	DEMF-018949	DEMF008359			WLOC	WLOC	Theobro...	Amstelv...		Rental	DEPAL	DA_01
✓ ✓			DEMF-019450	196453	196453		WLOC	WLOC		Holtsville				
✓ ✓			DEMF-019466	DEMF008753	DEMF008753		WLOC	WLOC		Holtsville		1	11	L01
✓ ✓		⚠	DEMF-019467	DEMF008754	DEMF008754		WLOC	WLOC		Holtsville		1	11	L01
✓ ✓		✓	DEMF-019468	DEMF008755	DEMF008755		WLOC	WLOC		Holtsville		1	11	L01

Filter

ITEM PROPERTIES		USER PROPERTIES		CURRENT	ASSEMBLY	FUEL MANAGEMENT

ITEM PROPERTIES — Rental type: WLOC · Object group · Object sub group

USER PROPERTIES — Site · Warehouse · Location · Available only: Yes

Current company only: No · Current objects only: No

ASSEMBLY — All components available: Yes

FUEL MANAGEMENT — Fuel type · Object type: Stand-alone · Cleaned: No

When the business object location config key is enabled, then the option to search on address is disabled.

Standard view ∨
Assign business object

Business objects

Start date/time: 8/5/2024 12:00:00 AM   End date/time: 8/31/2024 07:00:00 PM

Available	Component	Assignable	Object number	Serial number	Fleet num...	Fixed asset number	Rental type	Product number	Street	City	On-rent date/time	Expected off-rent date/time	Off-rent date/time
✓ ✓		✓	DEMF-010027	YLSN002			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-010028	YLSN003			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-010029	YLSN004			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-010030	YLSN005			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-011994	002434			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012000	002440			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012001	002441			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012002	002442			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012003	002443			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012004	002444			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012005	002445			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012006	002446			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	DEMF-012007	002447			YLSRI001	YLSRI001	Domstrasse 321	Hannover			
✓ ✓		✓	USMF-000416	000081			YLSRI001	YLSRI001	Steenstraat 51	Arnhem			
✓ ✓		✓	USMF-000417	000082			YLSRI001	YLSRI001	Steenstraat 51	Arnhem			
✓ ✓		✓	USMF-000418	000083			YLSRI001	YLSRI001	Steenstraat 51	Arnhem			
✓ ✓		✓	USMF-000419	000084			YLSRI001	YLSRI001	Steenstraat 51	Arnhem			
✓ ✓		✓	DEMF-011996	002436			YLSRI001	YLSRI001	TestTest	Berlin			

Filter

ITEM PROPERTIES — Rental type: YLSRI001 · Object group · Object sub group

USER PROPERTIES — Depot · Available only: Yes

Current company only: Yes · Current objects only: Yes

ASSEMBLY — All components available: Yes · Object type: Stand-alone

ADDRESS — Street · City · ZIP/postal code · Address

FUEL MANAGEMENT — Fuel type · Cleaned: No

DFM search

[Create sub rental order] [Refresh data] [OK] [Cancel]

2.2.6.2 Business object availability form

With the business object location config key is enabled, the warehouse filter on the Business object availability form is replaced with the fields site/warehouse/location.
In the settings the user has the option to all three.

USER PROPERTIES

Site

Warehouse

Location

On the Business object availability form the fast filter for warehouse is adjusted.

Business object availability | 151040 : WLOC
Standard view ∨

▲ FILTERS

▲ DATE RANGE — From: 4-10-2024 02:00:00 · To: 4-11-2024 01:00:00

▲ TIMING — Period: Month · Precision: Daily

▲ AGGREGATION — Per business object · Per rental type

▲ PRODUCT — Rental type: WLOC · Product number

▲ GENERAL — Warehouse · Object type: Stand-alone

On the Business object availability grid form the fields can be added by the user as columns.

2.2.7 Rental warehouse classification

A lot of our customers work with a lot of different type of warehouses. For the users that actually need to select only warehouses used for rental in rental processes this would mean that they need to scroll through a large list.

Therefor, in this feature, we bring the functionality to mark warehouses are Rental warehouses. As result, in all the rental forms, the warehouses will be prefiltered based on this marking. The user is able, if need be, to remove the filter, if its required to select a non-rental warehouse.

2.2.7.1 Rental warehouse parameter

To be able to make use of this functionality, the parameter "Rental warehouse" has to be enabled in the Rental parameters.

Enabling this parameter will add the option to mark warehouses as rental and will apply the Rental warehouse filter on warehouse fields on rental forms.

2.2.7.2 Marking warehouses as rental

On the warehouse, the warehouse can be marked as Rental warehouse.

2.2.7.3 Rental forms affected

The warehouse field will be pre-filtered on the following forms:

- Asset availability
- Business object availability form
- On-hand Rental Inventory
- Sub-rental order
- (Project) Rental quotation
- (Project) Rental order
- Assign form
- Rental transfer order
- Rental transfer Journal
- Rental order line search
- Rental quotation line search
- Sub-rental management
- Rental Counting
- Rental return journal
- Rental Delivery journal
- Sub Rental Order line search

2.2.7.4 How does the pre-filter look

Example on how the pre-filter will look in the warehouse field on a rental order.

Warehouse		Serial number		Fleet number	Rental gross a...	Rental disc. %	
	∨		∨		0,00		

Warehouses	∨				
Warehouse	↑	**Name**	**Site**	**Rental warehouse**	▽
0530		Santa Monica (HDS)	1	✓	
0532		San Francisco (HDS)	1	✓	
100		Depósito de matéria-prima - M...	Matriz	✓	
11		Main	1	✓	
DEPAL		Depot Almere	Rental	✓	

The user is able to adjust the filter by clicking on the column Rental warehouse.

Rental warehouse	∨	⋮

↑ Sort A to Z

↓ Sort Z to A

Rental warehouse
is exactly ∨

Yes	∨

Apply   Clear

2.2.8 Generate SN and BO earlier in the production process

During the production process serial numbers are generated by the system. Only these are not yet created on the serial number table and also business object is not yet created.

On request of an customer an adjustment has been made the will create the serial number and business object when the serial numbers are generated in the production process.

This allows the customer to update the business object and its DFM values during the production process.

2.2.9 Ability to edit the fleet number for more categories

Requested by multiple customers, the process for changing the fleet number on the business object has been adjusted.

As part of this release, the function "Change fleet number" is now available for business objects in the following categories:
- Rental
- Internal
- Pending
- Inventory
- External
- Sub-rental

2.2.10 Split picking lists based on delivery date and warehouse

Standard AX allows picking lists to be split based on site and delivery information. As a large number of our customers use multiple warehouses, an adjustment has been made to support splitting the picking list based on warehouse and/or requested ship date.

Therefor the following change is made:
Picking lists of Sales orders can now also be split based on warehouse.
Rental order can now be split based on warehouse and/or requested ship date.
This setup can be done in the summary update of the Accounts receivable parameters.

2.3 Change requests

2.3.1 176383 – Supplementary item identification in Rental logistics scanning

Inside Rental logistics scanning, within the Mass return process, it is not always clear if an serialized item is stand-alone, an supplementary item, a kit item or a kit component.

Therefor we have added a short field to display the items line relation.

Standalone will be displayed as:	SA
Supplementary items will be displayed as:	S
Kit will be displayed as:	K
Kit components will be displayed as:	KC
Components will be displayed as:	C

Example of a Supplementary item:

Example of a kit item:

2.3.2 199193 - Extensibility request – FINRentalInvoiceDetailPeriodHelper class

On request for a customer the FINRentalInvoiceDetailPeriodHelper is extended, to support customization.

2.3.3 202861 – Performance adjustments

The index on the DNRWorkerDefaults table is adjusted to improve the performance.
The class DNREntityAsyncCaller is adjusted to improve the performance.

Both adjustments improve the performance on the rental order.

3.   Discontinued features for this release

3.1   Credit note

Starting 2024 the Credit note functionality on the rental order and the Credit approval in the rental order management list page will be discontinued, as this will be replaced by the (project) Rental credit wizard.

3.2   Rental line editor v1

Starting 2025 version one of the rental line editor will be replaced by rental line editor version 2, which is already available as configuration key.

3.3   Business object v1

Starting 2025 version one of the business object form will be deprecated(removed), and thus all customers should move from business object v1 to the new business object version 2, which is available as config key.

The reason of switching from business object v1 to the new business object v2 is to improve the performance. The biggest change is that the information of different log tables is stored in one table named BOBObjectCurrentInfo, which stores the "Current" information of the business object.

Don't forget to use the migration tool, which is available when Business object v2 is turned on as config key. The migration tool can be found in the module Utilities, under the header Data and is labelled: Business object view v2 data migration. The migration script brings the information from the different log tables into the table BOBObjectCurrentInfo.

Part of this change, in this release, the existing business object v1 will be labelled Business object (deprecated).
Business object v2 will change from Business object (preview) to Business objects.

3.4   Current(old) mobile app

The current(old) mobile app will be discontinued as part of the July 2025 release and will not be supported anymore after this release. Any issues found after this release will not be addressed and as the app is not customizable, issues cannot be solved by customization.

Until the July 2025 release the current(old) mobile app will be validated against our releases to ensure it continues to operate accordingly. Any urgent issues (Prio 1 release defects) will still be addressed until the July 2025 release. Releases for the current(old) mobile app will only be released on request.

4.   Bug Fixes

This chapter contains the bug fixes for STAEDEAN Rental management, STAEDEAN Rental Logistics Scanning and STAEDEAN Rental Mobile Operations.

172875 - Duplicated lines displayed in RLE when rental quote is transferred to rental order.
A rental quotation is created with supplementary items, coming from the rental agreement. After transferring the rental quotation to the rental order, the supplementary items would be duplicated/displayed multiple times in the rental line editor. Adjustments made to prevent duplication of lines.

181789 - Rental on-hand update on return doesn't follow defined rental policy rule with parameter "Use physical rental quantity " enabled
Parameter "Use physical rental quantity" enabled. When performing a return on a rental order, with the rental posting policy setup to not update the rental on-hand on return, system still updated the rental on-hand during the return. Adjustments made, so that on return the rental on-hand is not increased, when its turned off in the rental posting policy.

188086 - Error with Add products functionality on rental order in combination with multiple types of DFM
If a DFM field group collection contained a field group that had fields with more than one type, other then the type string an error would be displayed when the user tries to open the add products form from the rental order line. Adjustments made to allow multiple types of DFM, without breaking the Add products form.

188499 - No data in rental invoice details for a rental order with project Runs with batch job. Transfer to project =yes.
If a DFM field group collection contained a field group that had fields with more than one type, other then the type string an error would be displayed when the user tries to open the add products form from the rental order line. Adjustments made to allow multiple types of DFM, without breaking the Add products form.

189974 – Project item journals not displaying all journals
It was found that the project item journals overview would show only one journal or none journals as soon as the field "Show" was used to adjust the view. This is corrected.

191560 - Picking bulk items in Anywhere for Rental that are a combination of two separate rental order lines results in multiple picking actions
Originally bulk item lines from multiple rental orders, could be picked in one action in Staedean Rental Logistics Scanning, as these were displayed together as one line. It seems that this was not correctly displayed anymore, causing the user to perform a picking action per bulk line per rental order. This has been restored.

193599 - The nonchargeable line properties on rental order are included in the Invoice proposals
Rental order lines with a nonchargeable line property, were picked up by the Project rental Invoice Proposal. These lines should not have been picked up for invoicing. Just like how the process is on the Sales order created on a project.

193723 - Times used in the Rental date setup are incorrectly shown in the rental orders/work orders
It was found that the time zone was applied two times when defaulting rental times from the rental date time setup. The setup itself is correctly stored in UTC, but when defaulting the times on the rental order, first the code applied the time zone offset and this was followed by the system also applying the time zone offset. The has been changed to only one action.

194132 - Project rental quote "copy - from all" function has update conflict error
Using the "Cope – from all" function on the project rental quote would run into an update conflict error. This error has been resolved.

194645 - Advanced Rental invoicing Batches
In the DynaRent 10.0.38.50 release an adjustment was brought to support parallel processing for the pre-invoice check. In the change, the way how the batch jobs were created was adjusted. For one customer this would prevent them from adjusting the users on the batch job. We changed the way how the batch jobs are created, while still supporting parallel processing.

195627 - Mark for Credit with multiple transfer to project journals only transfer one period upon crediting
Issue was found that when two rental invoice periods were marked for crediting, that during the invoicing with Transfer to project, that the amounts in the dialog were correct, but that in the journal only one period was actually credited. This has been fixed.

195825 – Changing the Rate code on a rental order line multiple times would lead to incorrect price
If the rate code on the rental order line was changed multiple times and the time difference between the rate codes would be large, then this would cause incorrect prices due to conversion and decimals. Adjustments made to calculate correct prices.

196058 - Rental credit wizard - Re-invoice checkbox not correctly used during re-invoicing
During internal testing it was found that the re-invoice checkbox was not correctly used during re-invoicing. This has been fixed.

196060 - Rental credit wizard - Periods are multiplied into multiple lines on invoice details while invoicing
With some scenario's while performing a credit with the Rental credit wizard, periods would be displayed / multiplied into multiple lines in the invoice details while invoicing. Adjustments made to show these correctly.

196063 - Rental credit wizard: Charge periods are shown as 0 when we set period as Pending
During testing of the Rental credit wizard a scenario was found that invoice periods that were set to pending, would show zero for charged periods in the rental invoice details. Adjustments made to show these correctly.

196064 - While crediting + invoicing system fails to generate periods

During testing of the Rental credit wizard a scenario was found that during crediting and invoicing the system sometimes would not generate the required periods on the Rental invoice details. These are now correctly generated.

196283 – Possible to change the expected off-rent date/time to a later time then the Off-rent date/time

During testing it was found that it was possible to change the expected off-rent date/time to a later time then the specified off-rent date/time.

197006 - Getting error on sub rental order return journal form by clicking on Purchase cost transactions.

Using the purchase cost transactions function on the sub rental return journal would end in the system throwing an error. This has been fixed, but this change does bring a new privilege: View Return note purchase cost transactions.

197015 - Wrong charged days calculation when Technical Exchange using Invoice profile with Invoicing Cut-off time = Linked to delivery time

In the 2023 July release adjustments were made to ensure the right amount of days for invoicing were calculated with a technical exchange. A really specific scenario was found that had still one day short. This happened when the time of the technical exchange was exactly the same as the time of the on-rent. The system would calculate for the first line period it correctly, but for the second it would think the period was considered as part of the first line. Resulting in calculating one less chargeable day. This is fixed.

197331 - Business object can be changed when work order is in status confirmed or higher

It was possible to manually change the business object on a work order with statuses higher than created and when there are item, hour, expense or fee journals posted. This has been adjusted. If a work order task has a higher status then created or there is a posted journal, then the business object field is greyed out.

197781 - Rental date change from header not properly displayed on the lines

A scenario was found that the rental date change from the header would be applied, but not displayed directly on the rental order line. The information was displayed correctly in the line details. Adjustment made to ensure the dates are also correctly displayed directly on the line.

197948 - Invoice lines shouldn't be available when Control child lines invoicing =Yes

During testing it was found that the warranty item would still appear for invoicing, while the invoice period had the setting Control child lines invoicing = yes.

198189 – Performance issue caused by Rental Agreement

In the 2023 October release we released code adjustments to increase the performance around rental agreements in rental quotes and rental orders. For one customer this adjustment had a negative effect, so adjustments have been made to correct it.

198258 – Fuel management v2 - Unable to Correct fuel transaction without rental order number

Missed scenario in the new fuel management v2. Create fuel transactions without a rental order number could not be corrected. Adjustments made so that these can be corrected now.

198301 - Invoice cannot be posted for auto-created hour journal lines related to rental orders
Automatic hour journal lines created by workorders, coming from a rental order are linked to the rental order line. The code used with invoicing was expecting that these hour journal lines are for a rental period, however no invoice periods exist for this hour journal line, as these are just hour journals for a task, not a rental period. Causing an error during the project invoice proposals.

198455 – Stack trace error would occur when opening the business object from the transport plan board when the object is returned
A stack trace error would occur when opening the business object from the transport plan board when the return note was posted.

198517 - Delivery journal data selection, remove delivery date/time filter
The new outbound delivery journal functionality has been added in the July release. For this delivery journal rental order lines can be selected. In the created filter, lines were filtered out based on-rent date time. This resulted in scenario's that it would not select rental order lines, were the on-rent date/time has already passed. The filter on the on-rent date/time has been removed.

198590 - Create maintenance work orders not creating work orders as needed
In the 2024 January release an adjustment was made for an issue that with the time based maintenance orders, that constantly was creating new tasks. It was found that the applied fix was to broad, causing that every open work order for an business object would block the creation of the maintenance work order.

198620 - Error on amending bulk lines in return journal
On error would appear while manually amending bulk lines in a return journal. There was no issue while using the proposal.

198622 - The message on reconfirmation of the return journal is misleading
In the 2024 July release, functionality has been added, that will allow reconfirmation of return journals. After re-confirming the work order is updated, but the message would state a new work order is created. The message now correctly stated that the work order is updated.

198623 - In transit check box must not be amendable manually in the return journal
With the new transportation app, during the return process, the new "In transit" field will be updated, when the object is in transit. The field could also be changed manually directly on the return journal. This is now not possible anymore.

198630 - Sales order line fails when adding sales category - error while compiling rental contract information
Using the sales category on a sales order would give the error "Error while compiling rental contract information". This is resolved.

198632 – CBB usage-driven: With rental gross amount zero in the rental agreement for usage-driven price, system incorrect calculate the amount field
On issue found in the consumption based billing, usage-driven invoicing. If the rental gross amount was zero in the Rental agreement for the usage-driven price, then the system would incorrectly calculate the amount field.

198633 - CBB usage-driven: When the rental price is zero the usage price is not charged/not posted
If the rental price was zero on a rental order line for consumption based billing usage-driven, then the system would not charge/post the amount for the estimated usage.

198734 - Already returned line included in return journal proposal
A scenario was found that allowed the user to add a already returned line to the return journal with the return journal proposal. The validation on the rental order line status is adjusted to ensure that lines with status returned cannot be selected.

198759 - Warehouse of the work order header created from the return journal logic
The warehouse on the work order used to be populated from the user settings or be empty. This is now adjusted. Work orders created with the return journal functionality will get the warehouse that was listed on the return journal.

199317 - unable to open Send quotation form
The menu item "Send quotation" from Rental order management > Periodic > rental quotation update > could not be opened anymore and would receive the error "The menu item with name salesquotationeditlinesform_ror_send could not be opened".

199823 - Delivered quantity in delivery journal incorrect
The item lines in the new delivery journal for the outbound process would not always get the correct Delivered quantity during the process, this has been fixed.

199864 - Inbound/Outbound journal posted per line when posted automatically with Post inbound journal automatically/Post Outbound journal automatically is YES
In the original design with posting the inbound/outbound journals automatically in combination with the new transportation app we decided that each line would be posted separately in these journals. After seeing the result, decided to adjust this, so that multiple lines are part of the same inbound/outbound journal when posting automatically.

199865 - No error displayed when posting the journal with an item that is already delivered
It is possible to have multiple delivery journals with the same rental order lines. But when a rental order line is already delivered and the other delivery journal is posted, no error was given for the already delivered line. Although it had no negative effect, the user should have been informed on the fact. This is now implemented to inform the user that the packing slip for this line is already posted.

199868 - Post of outbound list and packing slip when bulk line related to multiple rental orders
Issue found when two rental orders with the same bulk business object were included in the delivery journal. When the system is posting the outbound list automatically, only the quantity of the second order was posted.

199881 - BOBObjectViewV1 still has references although it's deprecated
After investigation it was found that there were still active references for the to be deprecated BOBObjectViewV1. These references could cause issues with duel-write synchronizations on the DNRAppEmplBOBObjectTableEntity. This has been resolved.

200013 - Change condition on when Relevant outbound lines are deleted
During development in the delivery journal, in combination with the Relevant outbound information table, if delivery lines were deleted from the delivery journal, then the connected record in the relevant outbound information table would be deleted. This is adjusted, to ensure when lines are in "In delivery" on the relevant outbound table, then these will not be deleted when the record from the delivery journal is deleted.

200014 - Deliver service items in packing slip for parent/child line connected lines
With the new delivery journal process, when the automatic packing slip is run, the system will also include child lines of type service, to ensure all lines from a rental order are delivered.

200046 - Copy functionality must be disabled in Return/Delivery journals
Removed the copy functionality from the delivery and return journals, as these are not used within rental order management.

200174 - Getting Dual write core error while changing the Status Reason from In progress to Completed
In a scenario within the newly released transportation app, when the status Reason was changed from In progress to completed, it could give an dual write error.

200186 - Location log not updated with RO return, with BO loc disabled
Issue resolved around the Rental order return not updating the business object location log, with the new Business object location functionality disabled.

200300 - Error on amending delivery address on return journal
Amending the delivery address on the return journal would give an method error. This is resolved.

200421 - Getting Dual Write core application errors when updating the work order status via Field Service app
User could get dual write error while updating the status of the booking in the field service app.

200463 - Rental order line search - new work order error
Part of the development of the new work order functionality with rental transfer orders, certain code was refactored. This has led to an unexpected error while creating a new work order from the rental order line search form.

200904 - "Skip pricing calculation for optional lines" parameter
Due to code refactoring, the user was unable to exclude lines from the Rental line editor when the performance parameter "Skip pricing calculation for optional lines" was turned on.

200921 - Rental amounts disappear when using invoice profile with Consumption-based billing setup = Last invoice
An issue found by an customer in a scenario with CBB – Last invoice, the rental amounts would disappear from the Rental invoice details while using an invoice profile with CBB Last invoice setup.

201110 - Booking still visible in my schedule when the work order status is moved back to planned/confirmed/created
An scenario was found during testing at a customer that the booking was still visible in the users schedule, after that the work order status was changed back to planned, confirmed or created.

Adjustments made that when the work order status is changed, that the booking is removed from the users schedule in the field service app.

201115 - Delivery/Return task is visible in user schedule when the work order line status is moved back to planned/confirmed/created in Rental Mobile Operations Transportation app
An scenario was found during testing at a customer that the delivery/return task was still visible in the users schedule, after that the work order status was changed back to planned, confirmed or created. Adjustments made that when the work order status is changed, that the task is removed from the users schedule in the transportation app.

201312 - Rental totals and invoice amount incorrect for lines qty > 1 when coming from (project) rental quote
In the last year new development was added, which creates rental order line amendments for the rental order lines, when these are created from a quote. It seems that in a scenario with quantities, that the rental order line amendment would get the incorrect price, causing it to be multiplied in the rental totals.

201449 - Incorrect displaying of the consumption price and consumption price tiers on the default agreement when there are several default agreements for different periods
Creating a new default agreement, without copying, was already showing consumption prices and price tiers from a other default agreement. This is incorrect, as this should be empty when creating a new default agreement.

201542 - Business object availability and asset availability status display and filtering
Based on the Asset availability transactions, the Business object availability form and the rental asset status on the business object, both used the same data differently, causing display and filter issues.

201789 - Business Object Graphical view, opening the business object from the form could open a different object
Opening the business object let in some scenario's to opening a different business object.

202140 - RLE – Adding a new line in a kit, results in a incorrect price
In the rental line editor, when adding an new line in a kit, the incorrect price is added the first time, only when updating the price the second time, the correct price shown. This is adjusted to display the correct price from the first time after adding the new line.

202141 - Validate final meter reading doesn't work and allow to invoice the final project invoice for CBB without meter readings
For the CBB functionality, the parameter "Validate final meter reading" was introduced to ensure the final meter reading was registered before the final invoice is run. It seems that in a certain scenario with project invoicing, this was not correctly catched.

202232 - The consumption price is not fetched for the rental lines which are included as a supplementary line
Due to code refactoring, the system would not fetch the consumption price anymore for rental lines which are included as a supplementary line. This has been fixed.

202270 - Credit exposure > Release Hold confirmation Rental order in loop because of an error upon confirmation posting

While releasing the credit hold of the new credit functionality with "With posting", the system would throw incorrectly an error message.

202992 - Fuel transactions: Wrong reference to BOBObjectTable

Incorrect reference would lead to opening the wrong Business object from the new fuel transactions form.

203062 - Address lookup displays all addresses rather than those linked to the customer in Work order quotations

The address lookup on the work order quotations would display all the addresses. This has been adjusted to only display the customers addresses.

5.   Known Issues

STAEDEAN Rental Management
NOTE: Microsoft is investing heavily in Dual-Write as synchronisation tool instead on Data Integrator, it is Microsoft's advice to use Dual-Write. Dual-Write is a near real-time (1-10 seconds) solution and Data Integrator a batch-driven solution which is always slower in displaying information, however Dual-Write can still be "slow" as some synchronisations take a minimum of 5 seconds, which can't be made faster.
Also Dual-Write has its limitations, known issues and unsupported features which are described in the Mapping Concept pages of Dual-Write, see the Dual-write home page - Finance & Operations | Dynamics 365 | Microsoft Learn.

NOTE: Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public preview and will be made generally available in future releases, in other cases, they are already general available, and you have the choice to activate them.
Currently, we are not testing compatibility with all new features or combinations.
Once a feature is enabled at the customer environment and in case of any issues or questions related to new standard features and our solutions, kindly contact us via Staedean support.

Known issues for the release
Microsoft feature: Match the detail for vendor invoices
Unfortunately, it was discovered during testing that the sub-rental invoicing with variances functionality which was released with number 109281 in the 10.0.13 release is affected by Microsoft's feature "Match the detail for vendor invoices". Please keep this feature turned off if you're using the sub-rental invoicing with variances functionality. Microsoft has received negative feedback about this feature and will be redesigning it. Therefor we will not be working on compatibility until the Microsoft redesign is completed.

STAEDEAN Rental Mobile Operations
o   Depending on your licensing model, you might encounter an exception when synchronizing the
data from Finance and Operations to the local device, stating "The per app limit for storage has been exceeded. Reduce the amount of data to be stored or use Clear Data to free up space." If this is the case, please review your licensing model and purchase additional licenses as required.

o   Sometimes, even though resource is configured correctly, first time configuration on mobile app triggers message saying that resource must be filled in. This is not a consistent repro. Try to create Work order from D365 FO and then try the same on mobile app, you can get rid of this ad-hoc issue.

6.   Data entities

6.1   Data entities for import / export

Please refer to installation guide for technical details.

Changes for this release

The rental agreement entities have been updated for consumption based billing.

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.

6.2   Data entities for Business intelligence

Refer to installation guide for technical details.

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 de 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 additions services and/or training to assist in case needed.

6.3   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 STAEDEAN Rental Management Customer Portal release notes for further details.

7.   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
STAEDEAN Rental Management CE Integration	Supports the STAEDEAN Rental Management CE product and functionality	Disable if the STAEDEAN Rental Management CE product is not being used
STAEDEAN Rental Management PowerApps	Supports the STAEDEAN Rental Management Mobile product and functionality	Disable if the STAEDEAN Rental Management Mobile product is not being used
Rental customer portal	Supports the STAEDEAN Rental Management Customer portal product and functionality	Disable if the STAEDEAN Rental Management Customer portal product is not being used
Rental data entities (BI)	Support the STAEDEAN Rental Management BI product and functionality	Disable if the STAEDEAN Rental Management 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)
Anywhere for Rental	Supports Rental specific Anywhere applications	Only enable when you want to use this functionality (by default it is disabled)
Consumption-based billing	Supports consumption-based billing functionality	Only enable when you want to use this functionality (by default it is disabled)
Work Order Quotation	Supports work order quotation functionality	Only enable when you want to use this functionality (by default it is disabled)
Business object components	Supports the business object components functionality	Only enable when you want to use this functionality (by default it is disabled)

Business object location	Supports the business object locations functionality	Only enable when you want to use this functionality (by default it is disabled)
Credit exposure	Supports the credit exposure functionality	Only enable when you want to use this functionality (by default it is disabled)
Fuel Management	Supports the fuel management functionality	Only enable when you want to use this functionality (by default it is disabled)

8. 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 to your own needs. In this release, we do not deliver full duties and privileges for the entire STAEDEAN Rental Management 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 is an overview of the available STAEDEAN Rental Management 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 workshop
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

9.   Breaking changes

The two Power Platform products, DynaRent Mobile app, and DynaRent for D365 Sales, are provided as managed solutions. You can customize them to meet specific needs, creating an additional solution known as an unmanaged solution in Power Platform terminology.

However, it's important to note that due to changes in our product, unmanaged solutions might stop working. If a third party has added these solutions, they will be responsible for resolving any resulting issues.

Furthermore, unmanaged solutions can block the visibility of new functionality to users since managed solutions are restricted by the presence of unmanaged solutions. To grant users access to this new functionality, the unmanaged solution will either need to be removed or extended with the new features.

9.1   Deprecation of the DynaRent Mobile App

Embracing the dynamic landscape of Microsoft technology, we are proactively future-proofing our Mobile app to meet and exceed the evolving expectations of our valued customers.

In our commitment to continuous improvement, we are not only introducing new and exciting functionalities but also enhancing performance and refreshing the user interface.

This has resulted in new available Rental Mobile Operations apps in which even Microsoft Copilot Highlights on Notes is seamlessly integrated, a powerful AI-tool. For more information on the new Rental Mobile Operations app, see the associated release notes.

As we're focused on new Rental Mobile Operations apps, we won't be making any changes to the current version, change requests may be requested but will only be considered for the new Rental Mobile Operations app.

The current(old) mobile app will be discontinued as part of the July 2025 release and will not be supported anymore after this release. Any issues found after this release will not be addressed and as the app is not customizable, issues cannot be solved by customization.

Until the July 2025 release the current(old) mobile app will be validated against our releases to ensure it continues to operate accordingly. Any urgent issues (Prio 1 release defects) will still be addressed until the July 2025 release. Releases for the current(old) mobile app will only be released on request.

9.2   MS D365 version 10.0.39 stops support for licenses generated with SHA1

You may have already been informed by Microsoft, that licenses that are generated using the SHA1 algorithm will no longer be supported starting at Microsoft Dynamics 365's F&SCM version 10.0.39. This update will be generally made available by Microsoft on March 15th 2024.

As we currently use the SHA1 algorithm for our licenses, there is an action for you to take to ensure you can continue using our services. We introduce the new SHA256 algorithm for our licenses, which will be supported going forward by Microsoft.

What do you need to do **before updating to version 10.0.39?**

1.   Please go to the Solution Management Workspace in your F&SCM environment

2.   Retrieve and install these licenses based on the SHA256 algorithm. You can find a guide on how to do that under this link.

https://support.to-increase.com/ticsm?id=kb_article&sys_id=f169436297b2e910100e3fb3f153afb8

After retrieving and installing the new license, you can upgrade to version 10.0.39 without any interruptions to our services.

There should be no effect on any of your performance. In case you experience any effect, please reach out to us under customeroperations@staedean.com.

Best regards,
Customer Operations Team

10.   Deprecations

Refer to the installation guide for technical details.