



STAEDEAN Rental Mobile Operations – Transportation

Release notes October 2025 (version 10.0.66)

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1. General

1.1 Purpose

This document describes the new functionality that has been developed for Rental Mobile Operations - Transportation.

It also elaborates on it's capabilities, delivered solution and the known issues for this release and it provides information about the underlying structure of the application.

This document is primarily meant for product- and implementation consultants familiar with the concepts of Rental Mobile Operations - Transportation.

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 Compatibility

In some cases, an update of Rental Mobile Operations - Transportation requires an update of the Microsoft Dynamics 365 Rental F&SCM version of the linked Microsoft Dynamics 365 Finance and Operations instance in order to be fully compatible. The following table lists such dependencies.

Rental Mobile Operations – Transportation version	Dual-Write mapping Base version	Minimum required Rental Management version
1.0.0.66	2.0.0.0*	10.0.45.57

The Rental Mobile Operations – Transportation continu's to work on older versions and can be implemented on older Dynamics 365 Rental F&SCM versions, however this will not support the full capabilities of Rental Mobile Operations – Transportation.

Note:

As this is a complete new application with a new data structure, this application will not work on older versions of Microsoft Dynamics 365 Rental F&SCM, it operates from version 10.0.45.57

*Base version 2.0.0.0, but individual mappings are higher. It is expected that customer use highest available versions.

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 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.

More information about our latest available product versions, the latest validate GA-versions from Microsoft as well as the Minimum Microsoft version required, please visit this page : **Knowledge Base - Support**. It could be that the screen needs to be updated as new information is available. As a supplier, we assume that delivered solutions and upgrades are first tested in a test environment and deployed to a live/production environment after internal customer approval.

1.4 Available languages

The Rental Mobile Operations - Transportation application is delivered in English (US, default language), Netherlands, Deutsch, Dansk, Norsk (Bokmål) and Svensk. More languages can be added, see for more information our Rental Mobile Operations - Transportation - Implementation Guide.

1.5 Apps

The Rental Mobile Operations - Transportation works with Microsoft Power Apps application. See User Guide for more detailed information on installation and usage of this application.

Sales, Consultants and Customer IT department and Customer procurement should also pay attention to the *Power Apps system requirements* documentation as this gives information on supported devices and versions.

1.6 Offline capabilities

The app is designed with Microsoft Offline-first mode and build following Microsoft best practices on how much data is downloaded and the speed of downloading this data to a mobile device based on an offline profile.

Creating a new offline profile and assigning it to users is possible but could cause performance issues on the used mobile device. Changes to existing or new added offline profiles that do not follow Microsoft's best practices are at the customer's risk and are not covered by support. See Implementation Guide for more information.

In the User Guide is clearly stated which features are supported in offline mode.

1.7 Managed solution

The Rental Mobile Operations - Transportation application is delivered as a Managed Solution.

Managed solutions are deployed to any environment that isn't a development environment for that solution. This includes test, UAT and production environments. Managed solutions can be serviced independently from other managed solutions in an environment. As an ALM best practice, managed



solutions should be generated by exporting an unmanaged solution as managed and considered a build artifact.

Additionally:

- You can't edit components directly within a managed solution. To edit managed components, first add them to an unmanaged solution.
 - When you do this, you create a dependency between your unmanaged customizations and the managed solution. When a dependency exists, the managed solution can't be uninstalled until you remove the dependency.
- Some managed components can't be edited. To verify whether a component can be edited, view the managed properties.
- You can't export a managed solution.
- When a managed solution is deleted (uninstalled), all the customizations and extensions included with it are removed.

Some important remarks:

- You can't import a managed solution into the same environment that contains the originating unmanaged solution.
- To test a managed solution, you need a separate environment to import it into.
- When you delete a managed solution, the following data is lost: data stored in custom entities that are part of the managed solution and data stored in custom attributes that are part of the managed solution on other entities that are not part of the managed solution.

On top of a Managed Solution customization can be built, it is deployed as an Unmanaged Solution. If problems arise with the app, the first thing that will be considered is whether there are Unmanaged Solutions present in the environment in addition to the Managed Solution. If this is the case, the first thing to consider will be whether they have a negative impact on app performance.

See for more information our Power Platform Managed vs Unmanaged Solutions document. If more explanation is needed on this topic don't hesitate to contact us.

1.8 Modifications

With each release an updated Mappings file (zip file with Excel files) is delivered with an overview of all mappings. This gives an overall view of all the mappings used by the app.

In Microsoft Dynamics 365 F&SCM all running dual-write mappings are shown with their corresponding version and publisher.

This way it is clear what the latest version is and who it came from.

If modifications/customizations have been made to dual-write a different version no. and publisher is shown.

Customizations to the app are recognized as unmanaged solutions. When an upgrade is done to a new managed version, newly added features could be blocked by an unmanaged solution.



Customers can check new features based on notes in the release notes and can decide if an unmanaged solutions must be altered or deleted to give access to new features.

1.9 Time zone explanation

The app is linked to Dataverse and Dataverse is linked to Rental Management F&SCM, which affects the display of date and time.

Date and times in Dataverse are always based on the UTC time zone. If no date and time are entered, 1/1/1900 12:00 AM will be stored in Dataverse. All date and time columns in Dataverse support values as early as 1/1/1753 12:00 AM.

The Rental Management F&SCM user must have the same time zone setting as the app user to see the correct date and time that is coming from the app to Rental Management F&SCM.



2. What's New

This chapter briefly touches upon any core features for Rental Mobile Operations - Transportation, and describes any discontinued features and the reasoning behind the discontinuation.

NOTE: Microsoft is continuously adding new features in the application. 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. In addition, our Rental solution on Dynamics 365 F&SCM is frequently extended with new features, it is not said that all are related to Rental Mobile Operations applications or will be supported by these applications.

2.1 Enhancements

2.1.1 **Change Request 201273: Work order creation in the Rental Mobile Operations Transportation app**

Introduction

This change request enables drivers to create work orders directly in the Rental Mobile Operations Transportation app. Drivers can now report issues with business objects during inbound or outbound activities, streamlining the process and improving operational efficiency.

Key Changes

- Drivers can create work orders from the app during transportation tasks.
- The process is simplified compared to the previous Field Service app.
- Work order creation is available for both inbound and outbound activities.

Process Changes

- When a driver identifies an issue with a business object, they can create a work order directly from the transportation app.
- The app guides the driver through the necessary steps to report and document the issue.

2.1.2 **Change Request 207261: Add work location information to the Rental Mobile Operations Transportation app and Field Service app**

Introduction

This change request adds work location details to the Rental Mobile Operations Transportation app and Field Service app. Work location information is now displayed in the header of transportation tasks and bookings, providing users with vital operational context.

Key Changes

- Work location name is shown in the header of transportation bookings (delivery, pick up).

- The information is based on related journal and work order headers.
 - Applies to both the Transportation and Field Service apps.
-

2.1.3 Change Request 215068: Address visibility in calendar view of bookings in the Transportation app

Introduction

This change request improves the calendar view in the Transportation app by displaying the address of each work order. Drivers can now see the address directly in the calendar, making it easier to plan and execute tasks efficiently.

Key Changes

- The address of each work order is visible in the calendar view.
- Address details are shown in both the main and details boxes of the calendar.

Process Changes

- When viewing bookings in the calendar, drivers see the address for each work order.
 - This helps drivers plan routes and manage their schedules more effectively.
-

2.1.4 Change Request 221843 & 222485: Improved item and business object identification for ad hoc pick up requests in the Transportation app

Introduction

This change request enhances the ad hoc pick up request process in the Transportation app by providing clear separation and identification of bulk and serial items. Users can now filter, search, and identify items and business objects more accurately, reducing errors and improving operational efficiency.

Key Changes

- Item search in ad hoc pick up requests now distinguishes between bulk and serial items.
- Users can filter by item number, product number, and name for bulk items; and by serial number, BO number, and fleet number for serial items.
- The mobile app clearly identifies whether an item or business object is bulk or serial.
- Partial search is supported for all item types.
- Relevant inbound and outbound information is updated to support this distinction.

Process Changes

- When creating a pick up request, users can search and filter items based on type and relevant identifiers.
 - The app displays only bulk or only serial items as appropriate, improving accuracy.
-

2.1.5 Change Request 225967: Creation of ad-hoc pick up request for rental order lines delivered in another legal entity than driver legal entity

Introduction

This change request enables drivers to create ad-hoc pick up requests for rental order lines (ROLs) delivered in a different legal entity (LE) than the driver's LE. The system now correctly identifies and processes cross-LE deliveries, improving flexibility and error handling.



Key Changes

- Drivers can create pick up requests for ROLs delivered in another LE.
- The system identifies the correct customer and legal entity for bulk and serial items.

Process Changes

- When creating a pick up request, the app determines the delivery LE and processes the request accordingly.
- For bulk items, the customer is selected to identify the correct LE.
- For serial items, the app checks for related rental orders and provides clear feedback if cross-LE delivery prevents processing.

2.2 Discontinued features for this release

No discontinued feature in this release.



3. Post release defects resolution

225072 – Corrected label in Advanced item search (Mobile Transportation App)

The label in the Advanced tab of the item search in Pickup request now correctly shows "STAEDEAN Rental management (SRM)" instead of the previous "DNR" label.

225073 – Corrected product label in item general page (Mobile Transportation App)

The product label in the item general page of the Transportation App now displays "SRM Product" instead of "DNR Product".

225788 – Barcode scanning issue in Transportation app

An issue was resolved where barcode scanning in the Transportation app could fail if multiple records with the same barcode existed across different legal entities. The system now better handles barcodes for products released to multiple companies, reducing random scan failures and improving reliability for global operations.

226023 – Error when adding current fuel/meter on return in cross legal entity scenario

Resolved an error in the Mobile Transportation app that occurred when adding current fuel or meter readings during the return process in a cross legal entity (LE) scenario. Now, users can add fuel and meter values without encountering a Dual Write core application error, ensuring smooth processing of returns across legal entities.

226635: Unable to create DNR resource for transport app only

It was not possible to create a DNR resource that is only a Mobile Transportation app resource (not FS app). The system now allows creation of transport-only resources without requiring FS agent role.



4. Known Issues

This chapter describes the issues that have been known for this release. It also elaborates on why the issues have not been solved and provides an alternative way on how to cope with them, if any.

NOTE DUAL-WRITE: Microsoft is investing heavily in Dual-Write as synchronization tool, it is Microsoft's advice to use Dual-Write. Dual-Write is a near real-time (1-10 seconds) solution, however Dual-Write can still be "slow" as some synchronizations 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 SYNCHRONISATION TIME: The Rental Mobile Operations – Apps applications use standard Microsoft technology to synchronize, this technology makes every 5 minutes a synchronization based on the found delta in data.

NOTE STANDARD FEATURES: In the Rental Mobile Operations – Apps applications are a lot of standard available Microsoft features visible, this does not mean that we support them. It could be that this feature is not working in relation with the application or is not working at all. In the User Guide is written down which standard Microsoft features are supported by the application.

NOTE OFFLINE MODE: The Rental Mobile Operations – Apps application are based on offline-first features from Microsoft for model-driven Power Apps applications. However, this will not say that the application will support all features in offline mode. In the User Guide is described which features are supported in offline mode. In addition, it could be that some standard Microsoft features do not work in offline mode, where known, attempts will be made to indicate this in the User Guide.