

DYNERIA



Smart Works

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Dyneria Smart Works User Guide

Applies to: Microsoft Dynamics 365 Supply Chain Management with Warehouse Management mobile app

Date: September 2025



Table of Contents

1. Introduction	3
2. Prerequisites	3
3. Initial Setup in Dynamics 365	3
4. Using Smart Works in the Mobile App.....	6
5. Reviewing Work Transactions in D365	8
6. General Rules and Behavior	9
7. Benefits for Supervisors	9
8. Troubleshooting & Support	10



1. Introduction

Dyneria Smart Works extends the standard capabilities of Microsoft Dynamics 365 Warehouse Management by providing detailed activity tracking for warehouse workers.

Unlike the out-of-the-box system, which only records work start and end, Smart Works captures all worker actions continuously, including breaks and auxiliary work, without gaps or overlaps.

This guide explains how to set up, configure, and use Dyneria Smart Works in daily operations.

2. Prerequisites

- Microsoft Dynamics 365 Supply Chain Management with Warehouse Management enabled.
- Warehouse Management mobile app installed on supported devices (Android 10+ or Zebra TC series).
- User-based authentication configured for the Warehouse Management mobile app.
- Appropriate security roles assigned in D365.

3. Initial Setup in Dynamics 365

3.1 Enable Work Management for Warehouse

- Navigate to Warehouse management → Setup → Warehouse → Warehouses.
- Select the warehouse you want to configure.
- Under the Warehouse section, enable the option 'Use work management'.



← Save + New Delete Warehouse Options

Standard view

Warehouses

Warehouse: 24 Name: Site 2 - Warehouse Management

Filter

- 22 Site 2 - Warehouse Type 1 (for WMS)
- 23 Site 2 - Warehouse Type 2 (for WMS)
- 24 Site 2 - Warehouse Management**
- 24-GIT 24-GIT
- 24-UND 24-UND
- 25 Site 2 - Transportation Management
- 27 Site 2 - Transit for Warehouse Management
- 28 Site 2 - Quarantine Warehouse
- 29 Site 2 - Transit Warehouse
- 31 Site 3 - Raw Materials
- 32 Site 3 - Finished Goods

Retail

Warehouse

Use warehouse management processes ☒ Yes

Requirement for inventory reservation: Allow partial reservation

Print BOL before confirming shipment ☒ No

Release rule failure option for auto rel... Warning and skip line

Work processing policy name

Auto update shipment: On quantity decrease

NEGATIVE INVENTORY

Financial negative inventory ☒ No

Physical negative inventory ☒ No

RESERVATIONS

Reserve only warehouse in production... ☒ No

Reserve inventory at load posting ☒ No

Reserve when orders are released by a... ☒ No

REDUCE PICKED QUANTITY

Decrement load line ☒ No

INVENTORY

Default inventory status ID: Available

Default container type

INVENTORY STATUS CHANGE

Remove reservations and markings: None

Remove inventory blocking ☒ No

LABOR STANDARDS

Allow labor standards ☒ No

Enable quality order for warehouse pr... ☒ No

PRODUCTION ORDERS

Backflush must use reserved quantities ☒ No

Posting method: Inherit

HAZARDOUS GOODS REPORT LANGUAGE

Hazardous goods domestic report lan...

Hazardous goods export report langu...

WORK MANAGEMENT

Use work management ☒ Yes

Picking workbench

3.2 Create a Work User

- Go to Warehouse management → Setup → Worker.
- Click New and enter: User ID, User name, Default warehouse, Menu name 'Main', Password.
- Save the record and set a password.

WORK

ID	NAME	STATUS	TYPE	GROUP	ROLE	ACTIVE	LOCKED
01	ADMIN	01	ADMIN			☐	☐
21	ADMIN	21	ADMIN			☐	☐
34	ADMIN	34	ADMIN			☐	☐
52	ADMIN	52	ADMIN			☐	☐
54	ADMIN	54	ADMIN			☐	☐
58	ADMIN	58	ADMIN			☐	☐

NEW

Default picking station

Container tracking batch

Inventory

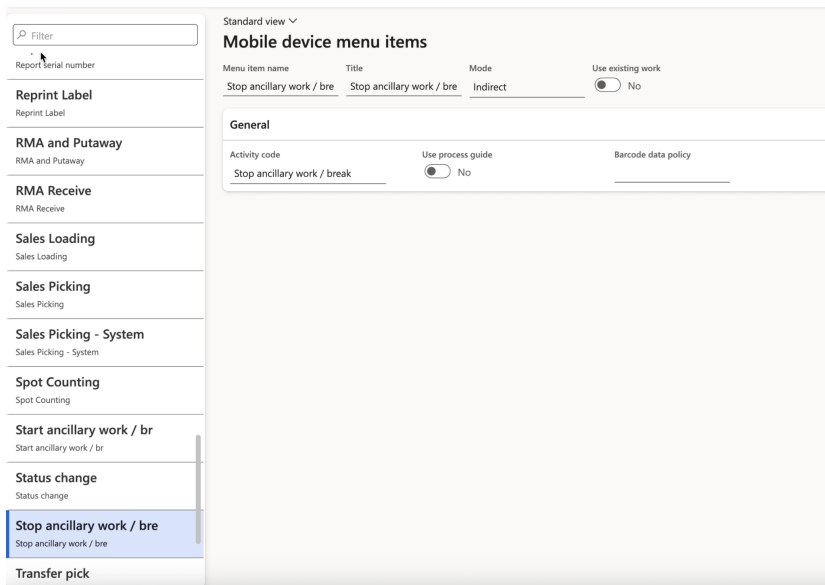
Inventory tracking batch

WORK USER

3.3 Configure Mobile Device Menu Items

- Go to Warehouse management → Setup → Mobile device → Mobile device menu items.

- Create: 'Start ancillary work/break' with activity code 'Start ancillary work/break'.
- Create: 'Stop ancillary work/break' with activity code 'Stop ancillary work/break'.



The screenshot shows the 'Mobile device menu items' configuration screen. On the left is a list of menu items, with 'Stop ancillary work / bre' selected. The main area shows the configuration for this item:

Menu item name	Title	Mode	Use existing work
Stop ancillary work / bre	Stop ancillary work / bre	Indirect	☒ No

Below this is the 'General' section:

Activity code	Use process guide	Barcode data policy
Stop ancillary work / break	☒ No	

3.4 Define Work Types

- Go to Warehouse management → Setup → Work management → Work types.
- Review existing work types (Cleaning, Counting, Break).
- Add new work types as needed, e.g., 'Extra break time' with Work status 'Ancillary work'.
- Optionally enable 'Ask quantity'.

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Finance and Operations

Search for a page

Save New Delete Units Options

Work types

Standard view

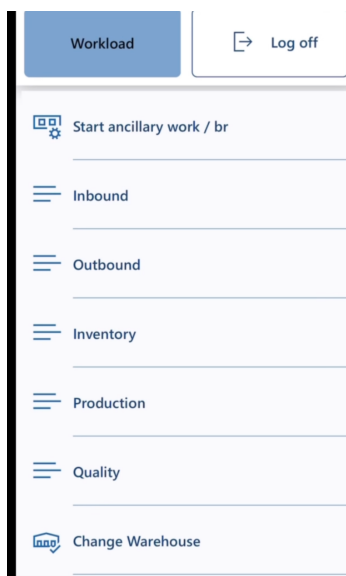
Filter

Work type	Description	Work status	Ask quantity
Extra break	Extra break time	Break time	☐
Cleaning	Cleaning	Ancillary work	
Counting	Counting	Ancillary work	✓
Moving	Moving	Moving	
No current work	No current work	No current work	
Receiving	Receiving	Receiving	
Work unit	Work unit	Work unit	

4. Using Smart Works in the Mobile App

4.1 Logging In

- Open the Warehouse Management mobile app.
- Sign in with your user ID and password.
- You will see a new menu item **Start ancillary work**.

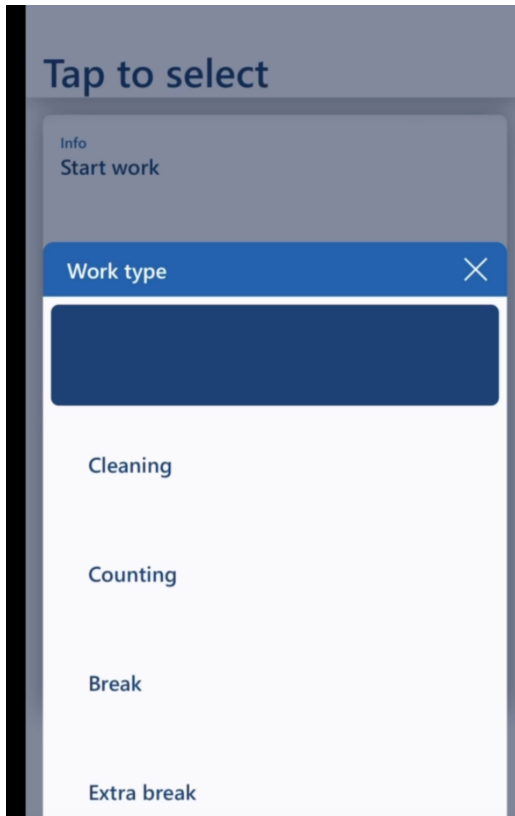


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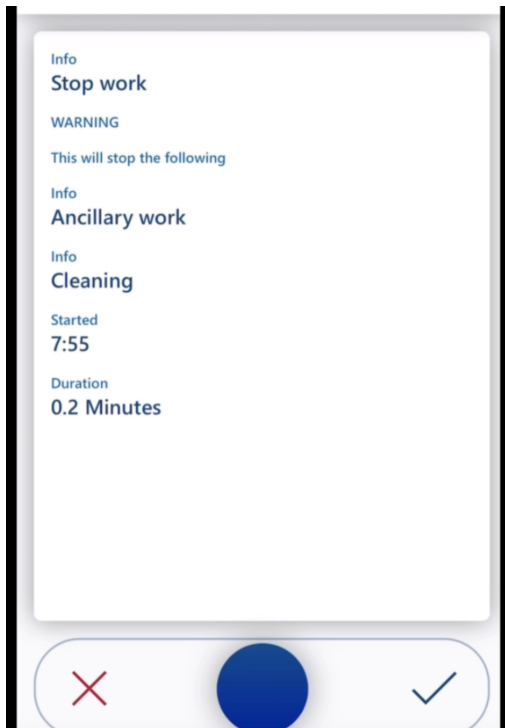
4.2 Starting Work

- Select 'Start ancillary work'.
- Choose a work type, e.g., Cleaning.



4.3 Stopping Work

- To finish a task, select the corresponding 'Stop' menu item.
- A summary screen with task details will appear.



4.4 Switching Tasks

- Starting a new task automatically stops the current one.
- Example: If 'Counting' is active and you start 'Break', the Counting task is stopped.
- If 'Ask quantity' is enabled, the app prompts for entry before completing.

5. Reviewing Work Transactions in D365

- Go to Warehouse management → Inquiries and reports → Work management → Work transactions.
- Review User, Work type, Start time, End time, and Quantity (if applicable).
- Enable 'Active transactions only' to view ongoing tasks.



Finance and Operations					
Search for a page					
← Edit + New Delete Options 🔍					
Work transactions					
Standard view ▾					
Filter ☐ Active transactions only					
☐	User ID	Work type	Start time	Finish time	Work ID
☒	26	Cleaning	7/18/2025 7:55:54 AM	7/18/2025 7:56:10 AM	
☐	WH01	Cleaning	7/16/2025 11:34:43 AM	7/16/2025 11:36:36 AM	
☐	WH01	Break	7/16/2025 11:37:27 AM	7/16/2025 11:39:39 AM	
☐	WH01	Counting	7/16/2025 11:44:26 AM	7/16/2025 11:53:13 AM	

6. General Rules and Behavior

- Each worker can have only one active transaction at a time.
- All activity must be continuous — no gaps or overlaps.
- Activity codes must be linked to valid work types.
- Work can be stopped manually or by starting a new task.

7. Benefits for Supervisors

- Real-time monitoring of worker activities.
- Accurate logs for ancillary work and breaks.
- Ability to filter active vs. completed tasks.
- Exportable data for KPI analysis (Units per Hour, dwell time, pick rate, etc.).



8. Troubleshooting & Support

- If menu items do not appear in the mobile app, confirm they are created in Dynamics 365 F&SCM and assigned to the user menu.
- If users cannot log in, verify Warehouse Worker setup and authentication settings.
- For advanced configuration, refer to Microsoft's 'User-based authentication for the Warehouse Management mobile app' guide.
- Contact Dyneria Support: info@dyneria.com