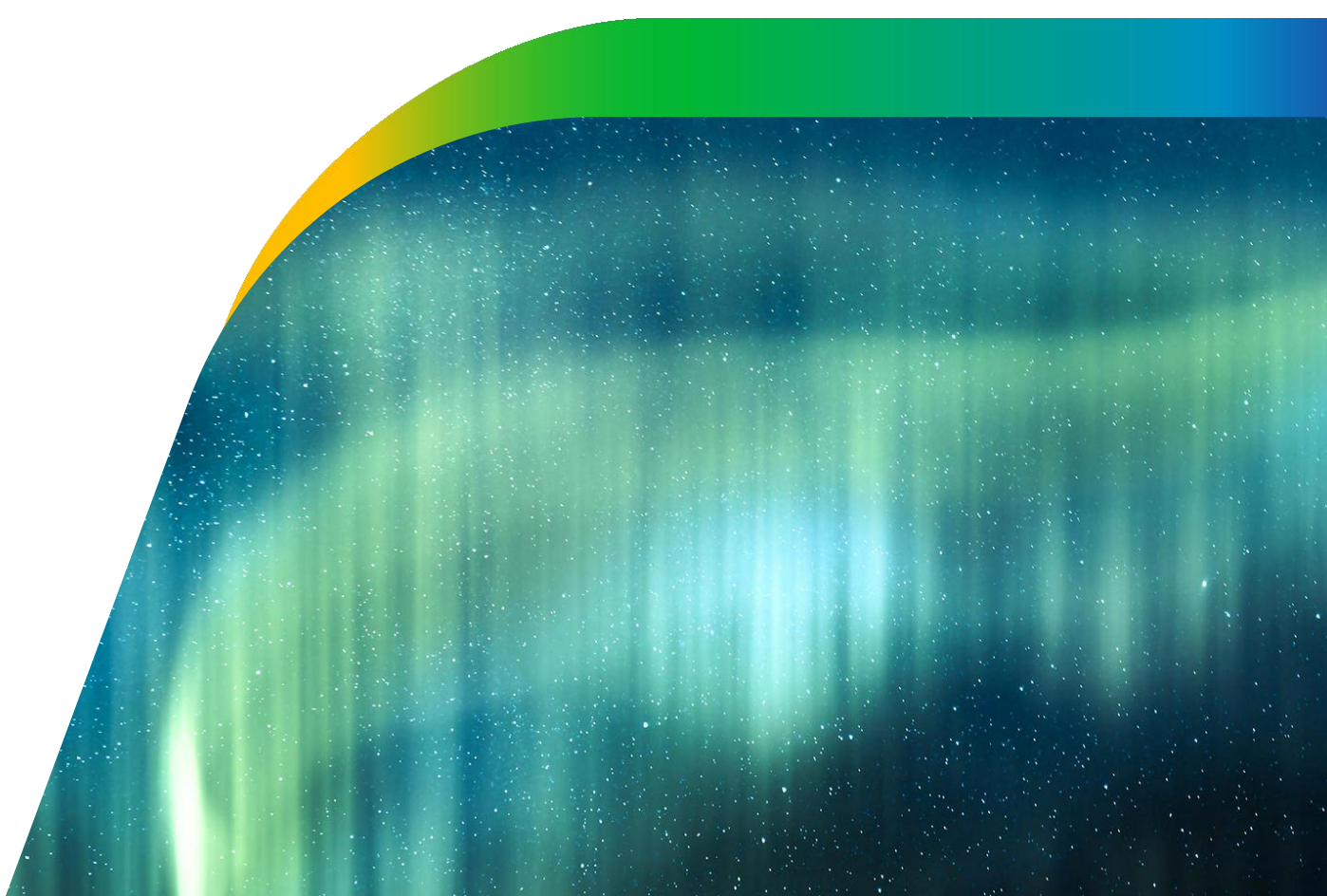




WHAT'S NEW

EXTENSION PRODUCTION PLANNING / 2026 H1





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Axtension® Production Planning

Production sequencing on product variant dimensions

Standard product dimensions (size, color, style) are now supported in production sequencing optimization.

For items of the product master type, product dimension values can be configured for planning optimization on resources or resource groups. Planning optimization considers these values alongside other planning properties configured on the route.

Task ID	Color	Resource
- P001616 - 10 - Packing - P	Blue	[Resource]
- P001614 - 10 - Packing - P	Black	[Resource]
- P001617 - 10 - Packing - P	Green	[Resource]

Configuration

In the Planning Properties, product dimension settings can be added by clicking the Product dimensions button. This action adds the standard product dimensions to the list. No further configuration is required.

Further configuration of planning properties on resource groups, resources, and routes remains unchanged, as does the use of planning properties in simulations when optimizing scheduling. More information can be found in the Axtension Production Planning documentation.

Standard view ▾

Planning parameters

- General
- Configure task information
- Colors
- Resource planning
- Item tracking
- Production
- Gantt control table setup
- Planning properties

Setup planning properties

+ New Delete Product dimensions

Size - Product	Generated product property
Color - Product	Generated product property
Style - Product	Generated product property
Light	
Light	
Temp	
Temperature	



Set color per operation

When the parameter “Use production colors” is set to “Yes”, the colors defined on production orders are used for tasks in task- and resource planning. It is also possible to define colors per operation. When “Use production colors” is set to “Yes”, the color of a task in task/resource planning is taken from the production order operation. If no color is defined on the operation, the color from the production order is used instead.

Configuration of operation colors

There are two menu items that can be used to access the configuration. Both open the same configuration form, so any updates made in one form will also be reflected in the other.

Standard view ▾

Planning parameters

General

Configure task information

Colors

Resource planning

Item tracking

Production

Setup Production

General

Use color from production order Yes

Preferred color selection: Production group ▾

Visualization: Visualize

Production status

Job priority

From operations form

1. Navigate to Production Control > Setup > Routes > Operations
2. On the operations form the colors can be selected from the dropdown list

Finance and Operations

Save + New Delete Relations Options

Operations

LinkedPartView---68720331330 ▾

Filter

Operation	Name	Color	Description
Assembly	Speaker assembly	12615935	
Curing	Dispensed material is curing	Color	
CurOpr	Operating the curing operation	8453888	
Dispense	Dispensing materials to foam b...	8454143	

Operations

LinkedPartView---68720331330 ▾

Filter

Operation	Name	Color
Assembly	Speaker assembly	
Curing	Dispensed material is curing	
CurOpr	Operating the curing operation	
Dispense	Dispensing materials to foam b...	



From Planning parameters

1. Navigate to production Control > Setup > Planning & Control > planning parameters
2. Navigate to the Production section
3. A new page form section Operation colors is available
4. The colors can be selected from the dropdown list

Standard view ▾

Planning parameters

General

Configure task information

Colors

Resource planning

Item tracking

Production

Gantt control table setup

Planning properties

Program management

Product breakdown structure

Number sequences

Setup Production

General

Use color from production order Yes

Preferred color selection

Visualization

Production status

Job priority

Job types resource planning

Production icons

Operation colors

Operation	Name	Color
Assembly	Speaker assembly	
Curing	Dispensed material is curing	
CurOpr	Operating the curing operation	
Dispense	Dispensing materials to foam b...	
DispOpr	Operating the dispense operati...	<input type="text" value=""/>
Finishing	Front grill mounting	



Calendar deviations on resource group set on resources

When applying a calendar deviation on a resource group via a simulation, all resources part of the resource group will also automatically have the deviation applied. By doing so it becomes easier to adjust the calendar on a group of resources.

Disable resource competence warning

A new parameter, “Suppress competence warnings”, has been added to the Planning parameters for the resource planning. When “Assign task to any resource” is set to “Yes” and the new parameter is also set to “Yes”, no warning is shown when there is a competence mismatch for the resource to which the operation or job is assigned.

Standard view ▾
Planning parameters

General
Configure task information
Colors
Resource planning
Item tracking

Setup Planning & Control

GENERAL
Period unit: Month
Length of period: 1

CLOSE TASK
Delete capacity reservations: No

POSTING
Manual completed percentage

RESOURCE PLANNING
Assign tasks to any resource: Yes
Suppress competence warnings: Yes

Sort task planning

In the Axtension Production Planning task planning, new options are available to sort a column by a field and define the sorting order

The sorting is always applied to the group item (and not to the individual tasks or operations)

In the task planning, sorting is always based on the production order or planned production order.

To change the sorting open the chart preferences in the task planning,

Standard view ▾
Chart preferences

From: 1/1/2026 (1) | To: 3/31/2026 (14)

Show tasks: Active | Show item tracking: No

SORTING
Field: | Direction: Ascending

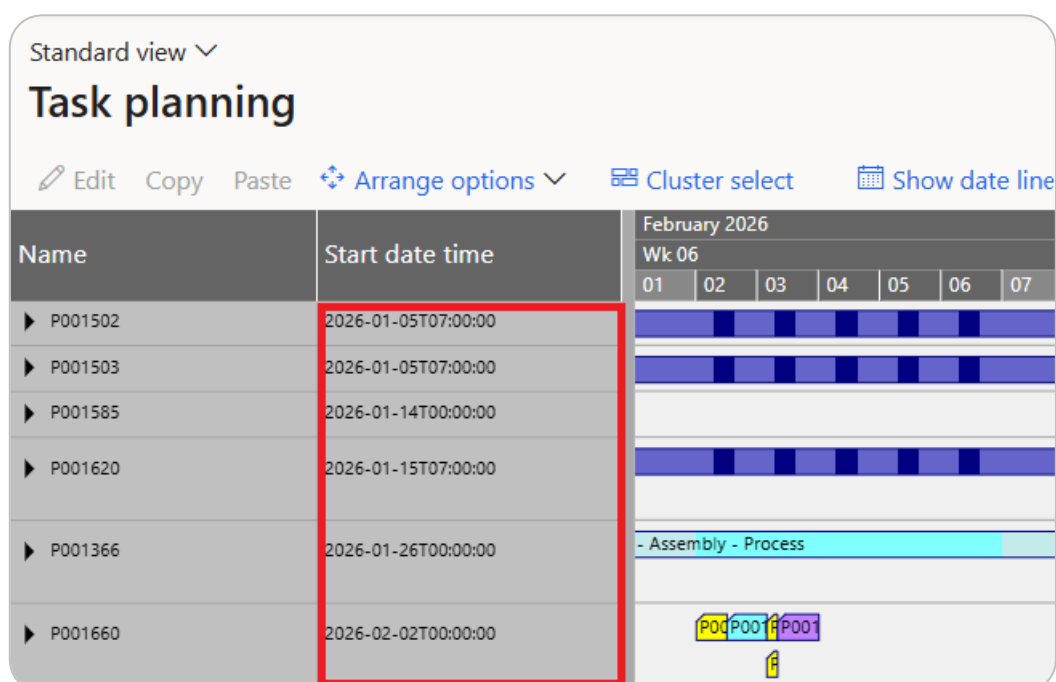


In the field dropdown, a column can be selected. The available fields are the same as those that can be selected in Gantt control table setup. If the field option is left blank, the default sorting will be applied.

1. To sort the task planning, open the chart preferences
2. Select a field and direction from the sorting section.
3. Click OK to confirm the sorting.
4. In the task planning, the sequence of display is based on the start date and time of the production orders when as an example the StartDateTime field is selected.

Field	Direction
StartDateTime	Ascending
Name	
Description	
StartDateTime	
EndDateTime	
CriticalTask	
Calendar	

Below an example of the sorting for multiple production orders in the task planning based on the Start date and time.





Copy production planning properties on copy route

It is possible to copy planning properties from one route to a new route with the copy route function in D365. This can be done by enabling the Copy properties toggle in the copy route dialog.

COPY TO

Base data

Site

Item number

Route number

Update route No

SETUP

Method

Replace

Add

Relation handling

No copy

Copy specific

Create specific for all

Replace relation No

PLANNING PROPERTIES

Copy properties Yes



Planning properties on production route

A new section is added to set planning properties on production routes. The planning properties can be accessed via the production order route > Operation > Planning properties.

The left screenshot shows the production route for 'P001485 : MidRangeSpeaker' in 'Standard view'. A table lists operations with columns for Oper. No., Priority, Operation, and Name. The row for '10 Primary Wiring Installation of wiring' is highlighted with a red box.

Oper. No.	Priority	Operation	Name
10	Primary	Wiring	Installation of wiring
20	Primary	Assembly	Speaker assembly
30	Primary	Testing	Speaker testing and calibration
30	Secondary 1	TestOpr	Operating the speaker test and ...
40	Primary	Packing	Packing

The right screenshot shows the 'Wiring' operation details page. A 'Planning properties' section at the bottom is highlighted with a red box, showing a table with columns for Planning property and Value. The 'Term' property is set to 100.

Planning property	Value
Term	100

- The planning properties are copied from the route of the item when the production order is created.
- There is a data update script available to populate the planning properties of all open production orders
- The planning properties can be updated on the production route. The following is supported:
 - a. Delete existing properties
 - b. Update the value of existing properties
 - c. Add new planning properties/values
 - d. The planning properties can only be edited for operations marked as “Primary” operations on the route
- The planning properties can only be edited for operations that are marked as “Primary” on the production order route
- Scheduling optimization will use the planning properties on the production route instead of the route of the released product

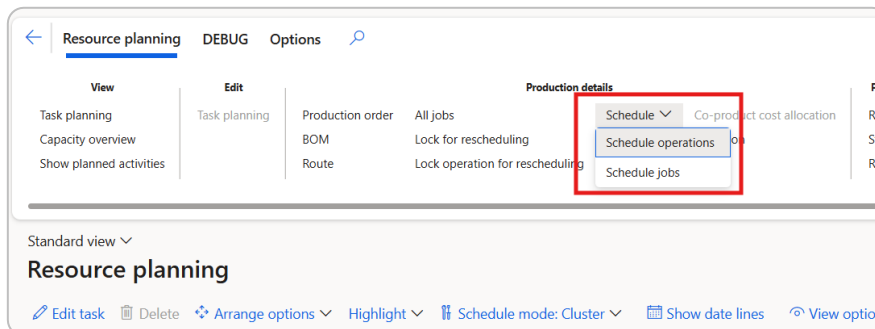
More information about using planning properties can be found in the Axtension Production Planning documentation.



Schedule actions in resource planning

Schedule actions are added to the resource planning for production planning. This way it is easier to run the schedule operations or jobs from the production directly from the resource planning.

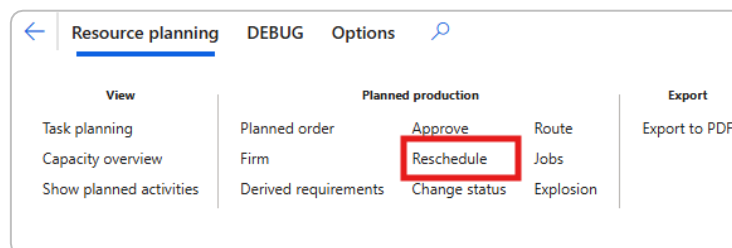
1. Open the resource planning for production orders and select a production order
2. On the Production details the section for Schedule is now available



3. Select the operations to be scheduled and click on Schedule Operations/Schedule jobs
4. The dialog for scheduling will open, select the required settings and click on OK

Planned production orders rescheduling

1. Open the resource planning for planned production orders and select a planned production order
2. On the planned production details the action for Reschedule is now available



3. Select the planned orders to be rescheduled
4. The dialog for rescheduling planned orders will open, select the required settings and click on OK



Data entities

Axtension fields are added to standard data entities which are used for master data configuration.

Data entities should support read access and allow updates wherever this is supported in the front end. Any rules for setting field values are enforced in the same way when updating fields through a data entity.

More information about the fields and the data entities can be found in the Axtension Production Planning documentation.

