

Production Floor Execution in Dynamics 365 Supply Chain Management



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Agenda

- Review of Product Floor Execution
- New Features
 - Register Material Consumption
 - Tracked Components
- Recent Enhancements
- Roadmap
- Q&A

Production Floor Execution Interface



Overview

- Configure Production Floor Execution
- Time and Attendance
 - Clock in/out
 - Register a break
 - Register an indirect activity
- Start a job and report progress
- View Machine Health and Request Maintenance



Contoso Entertainment System USA

Search people ...

< March 2025 >

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

- Work items assigned to me ^
- Cash advance request : Record ret...
 - Expense reports : Record returned
 - Catalog : catalog approval

APPS

- Business performance analytics
- Copilot for Finance (Preview)
- Human Resources
- Invoice capture
- Business performance planning
- Demand planning
- Inventory Visibility
- Recruiting add-on (Preview)

WORKSPACES

- Bank management
- Cost control
- Invoicing
- Purchase order confirmation
- Benefits
- Customer credit and collections
- Learning
- Purchase order preparation
- Budget planning
- Customer invoicing
- Leave and absence
- Purchase order receipt and follow-up



Contoso Entertainment System USA

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APPS

Business performance analytics	Copilot for Finance (Preview)	Human Resources	Invoice capture
Business performance planning	Demand planning	Inventory Visibility	Recruiting add-on (Preview)

WORKSPACES

Bank management	Cost control	Invoicing	Purchase order confirmation
Benefits	Customer credit and collections	Learning	Purchase order preparation
Budget planning	Customer invoicing	Leave and absence	Purchase order receipt and follow-up



Break



Activity



Leaving

✓	Job ID	Order	Oper. No.	Description	Product	Request
	004846	P000107	20	Speaker assembly	D0001	184.
	004861	P000104	20	Speaker assembly	D0001	21.
	004856	P000105	20	Speaker assembly	D0001	12.
	005171	P000162	10	Speaker assembly	D0004 : Default : : :	1.
	005224	P000164	10	Speaker assembly	D0111	3.



My day



Assistant



Start job



Bundle



Instructions

All jobs Active jobs My Machine

Machine Operator
Luis Alverca  Tuesday 3/11/2025
8:45 PM

✓	Job ID	Order	Oper. No.	Description	Product	Request
	004855	P000105	10	Installation of wiring	D0001	12.
	004860	P000104	10	Installation of wiring	D0001	21.
	004845	P000107	10	Installation of wiring	D0001	184.


Break


Activity


Leaving


My day


Assistant


Start job


Bundle


Instructions

Register Material Consumption



All jobs **Active jobs** My Machine

Machine Operator  Tuesday 3/11/2025
Luis Alverca 9:10 PM

✓	Job ID	Production or...	Oper. No.	Description	Product	Request
▶	004846	P000107	20	Speaker assembly	D0001	184.



Tracked Components



Tracked Components

Link • P000218 • 10 • D0020 Speaker Showing 1 of 2

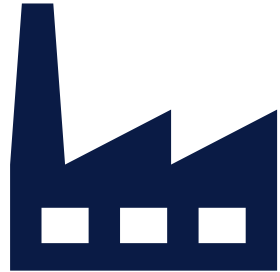
Scan batch or serial number of a component

Item number	Product name	Batch number	Serial number	Good quantity	Error q...	Unit
<input checked="" type="checkbox"/> D0020	Speaker		D20-01	1.00		ea

Item number	Product name	Progress	Unit
<input checked="" type="checkbox"/> M0070	Speaker unit		ea
<input checked="" type="checkbox"/> M0075	Cross over	2.00 of 2.00	ea

Navigation: ← Previous Next → Reset Product Link Reset Component Link Adjust components Ok

Tracked Components



Production and
Batch orders



Use keyboard or
barcode scanning.
(Supports GS1
barcodes)



Integrates with
Supply Chain
Traceability add-in
for Dynamics 365
Supply Chain
Management

**Demo: Enabling Tracked
Components in PFE,
Linking Product with
components**





Search people ...

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Work items assigned to me
Work items will be displayed here after they are assigned to you.

APPS

- Business performance analytics
- Copilot for Finance (Preview)
- Human Resources
- Invoice capture
- Business performance planning
- Demand planning
- Inventory Visibility
- Traceability

WORKSPACES

- Archive with Dataverse long term retention
- Confirmed purchase orders with changes
- Feature management
- Outbound work monitoring
- Retail and Commerce IT
- Bank management
- Cost accounting ledger administration
- Financial analysis - all companies
- Outbound work planning
- Sales order processing and inquiry
- Benefits
- Cost administration
- Financial analysis - current company
- Payment workspace
- Sales return processing
- Budget planning
- Cost analysis
- Financial period close
- Payroll management
- Store financials

PFE Enhancements



Switch code

The screenshot shows a software interface for managing jobs. At the top, there are tabs for 'All jobs', 'Active jobs', and 'Project jobs'. The date and time 'Thursday 6/20/2024 12:31 PM' are displayed in the top right. A search bar is located at the top of the job list. On the left side, there are icons for 'Break', 'Activity', 'Leaving', and 'Switch code'. The 'Switch code' icon is highlighted with a grey box. On the right side, there are icons for 'Start job', 'Bundle', and 'Instructions'. The main area contains a table of jobs with the following columns: Job ID, Order, Description, Product, Requi..., Started, Comp..., Scrap..., Remai..., U., and CW re....

✓	Job ID	Order	Description	Product	Requi...	Started	Comp...	Scrap...	Remai...	U.	CW re...
!	004602	P000123	Speaker testing a...	D0003	5.00	5.00	0.00	0.00	5.00	e:	
▶	004862	P000104	Speaker testing a...	D0001	21.00	21.00	0.00	0.00	21.00	e:	
▶	004598	P000124	Speaker testing a...	D0003	6.00	6.00	0.00	0.00	6.00	e:	
▶	004603	P000123	Operating the sp...	D0003	5.00		0.00	0.00	0.00	e:	
▶	004604	P000123	Packing	D0003	5.00	5.00	0.00	0.00	5.00	e:	
▶	004857	P000105	Speaker testing a...	D0001	12.00	12.00	0.00	0.00	12.00	e:	
	004858	P000105	Operating the sp...	D0001	12.00		0.00	0.00	0.00	e:	
▶	004806	P000129	Speaker testing a...	D0003	17.00	17.00	0.00	0.00	17.00	e:	
	004807	P000129	Operating the sp...	D0003	17.00		0.00	0.00	0.00	e:	
	004859	P000105	Packing	D0001	12.00		0.00	0.00	12.00	e:	
	004808	P000129	Packing	D0003	17.00		0.00	0.00	17.00	e:	

Report progress List view / Detail view

P000263 • Speaker assembly • Primary • 10 • Process

Showing 1 of 2

Detail View

License plate

Good quantity (20)

0%

Product
L0100
Speaker driver

Requested	Completed	Unit
20.00	0.00	ea
Scrapped	Remaining	
0.00	20.00	

Production type
BOM

Change job status

▶ || ✓

License plate validation

Standard view ▼

Configure production floor execution

Configuration Description

Advanced

No

Lock employee

No

Tab selection ▲

[+ Add](#) [Remove](#) [↑ Move up](#) [↓ Move down](#)

Tab

- All jobs
- Active jobs

Login ▼

Main view ▼

Report progress ▲

Skip product selection No

Enable adjust material No

Default remaining quantity No

LICENSE PLATE

Require existing license plate No

Generate license plate No

Print label No

Project jobs

Filter

Project jobs

Active jobs

All jobs

Standard view

Design tabs

Tab name

Project jobs

Main view

Projects

Details view

Job details

Primary toolbar

AVAILABLE ACTIONS

Leaving

Register downtime

Report progress

Report scrap

Request maintenance

Switch code

Tracked components



SELECTED ACTIONS

Start job



Secondary toolbar

AVAILABLE ACTIONS

Adjust material

Assist resource

Assistant

Break

Bundle

Filter

Instructions



SELECTED ACTIONS

My day

Activity



Thursday 6/20/2024

12:44 PM



Actual start ...



Report progress



Report scrap



Instructions

Decouple time and attendance

Production route | P000265 : Electrical Assembly | Standard view

Assembly

Production order defaults

General

- Start
- Operations
- Report as finished
- Quantity validation

PARAMETER USAGE
Parameter usage: By company

BUNDLE
Bundle type: Net time

TIME
Post time automatically: Yes

Time journal: Job

Skip time adjustments: Yes

PIECEWORK
Piecework rate formula: Basic version

Specify production order: No

COST CATEGORY
Cost category: No

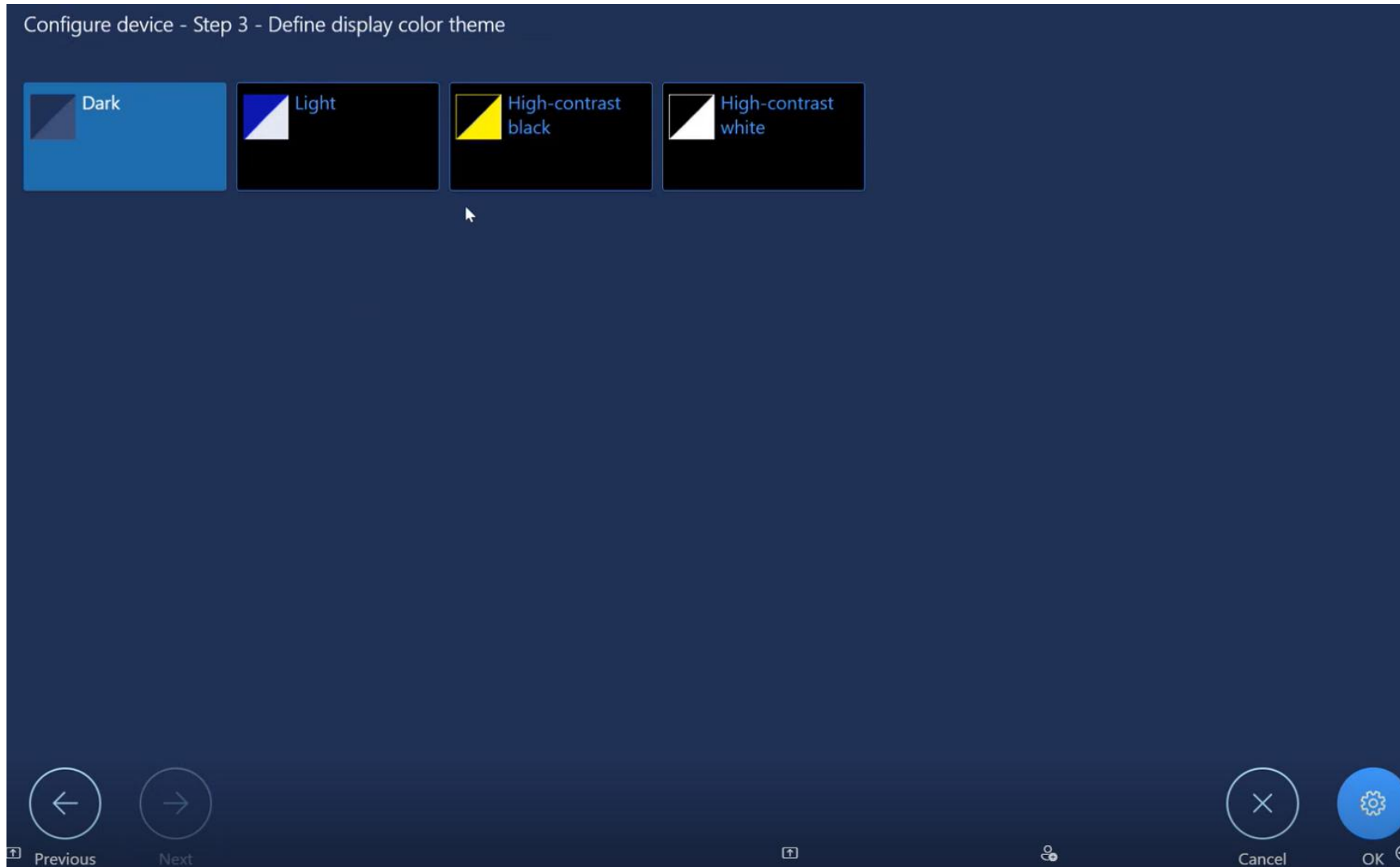
DIMENSION
Dimension: Job -> worker

Setup	✓	✓	✓	✓
Process	✓	✓	✓	✓
Overlap	✓			
Transport	✓		✓	
Queue after	✓			

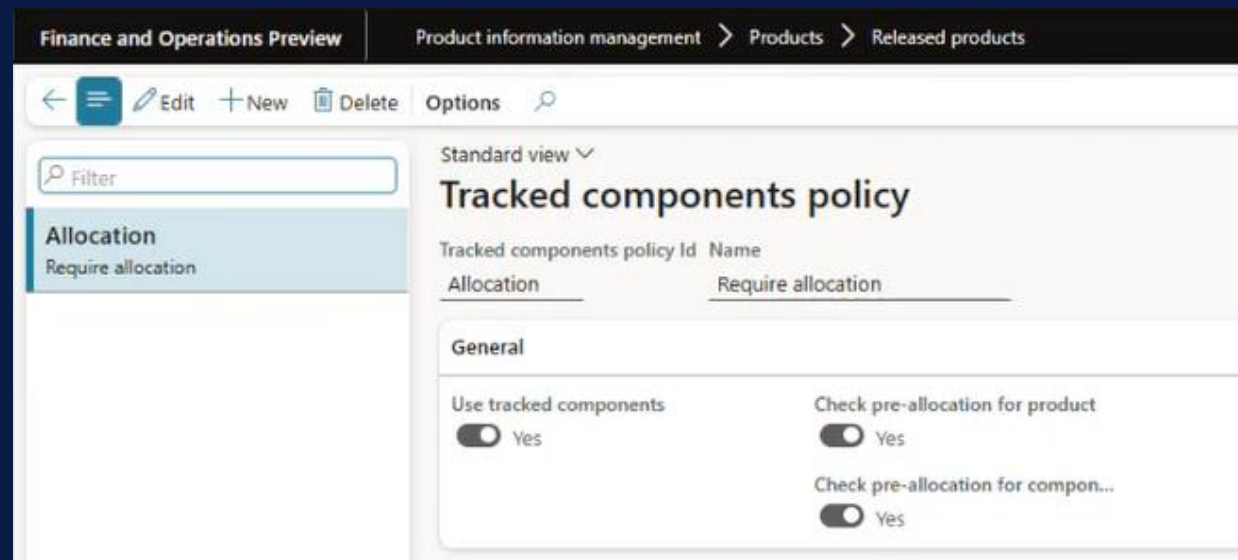
Roadmap



Display color theme for PFE (10.0.44)



Tracked components policies (10.0.44)



Additional Resources



Additional resources

- Microsoft docs:

- [Configure the production floor execution interface](#)
- [Customize the production floor execution](#)
- [Adjust material consumption and make material reservations](#)
- [Register batch/serial numbers for finished products](#)
- [Register and track batch/serial numbers for finished products and their components \(preview\)](#)
- [Design the production floor execution interface - Supply Chain Management | Dynamics 365 | Microsoft Learn](#)

Previous Tech Talk:

- [Production Floor Execution Interface in Dynamics 365 Supply Chain Management - TechTalk - YouTube](#)

Community resources:

- [Dynamics 365 and Power Platform Preview Programs : Manufacturing](#)
- [Dynamics 365 and Power Platform Preview Programs : AX - Manufacturing and Supply Chain Management](#)
- [Ideas \(dynamics.com\)](#)

TechTalk: Production Floor
Execution Interface
Refresher (DTV087EXT2)





QUESTIONS

Dankie Faleminderit **Shukran** Chnorakaloutioun Hvala Blagodaria
Děkuji **Tak** Dank u **Tānan** Kiitos **Merci** Danke Ευχαριστώ A dank
Mahalo הודות. **Dhanyavād** Köszönöm Takk **Terima kasih** **Grazie** Grazzi

Thank you!

감사합니다 Paldies Choukrane Aċiū Благодарам ありがとうございます
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Ďakujem **Tack** Nandri **Kop khun** Teşekkür ederim Дякую **Хвала** Diolch