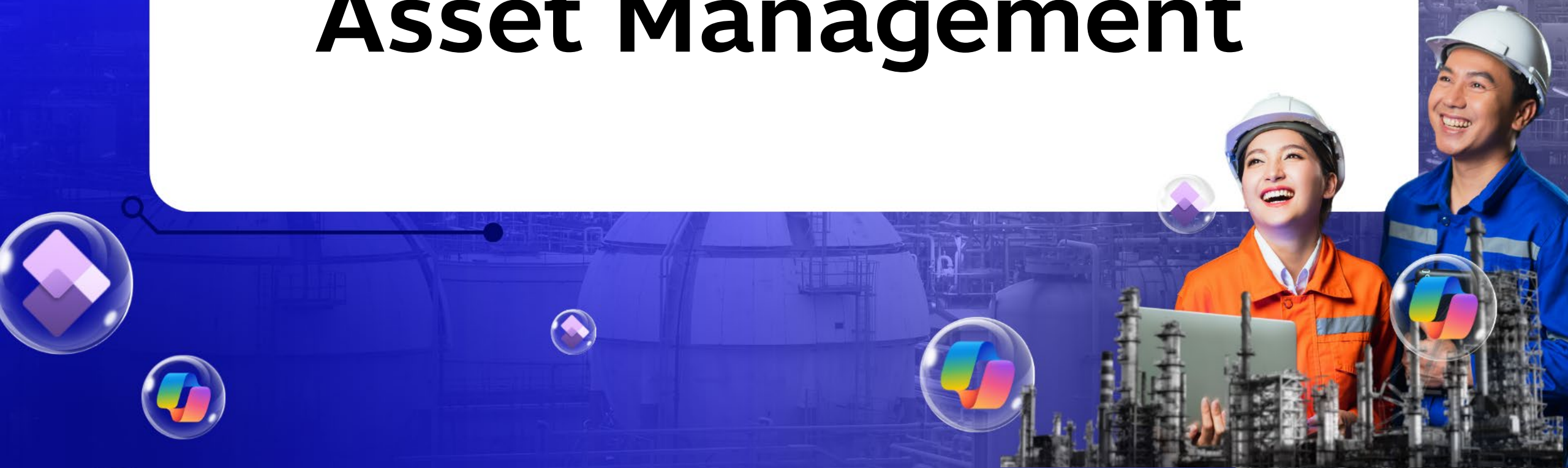
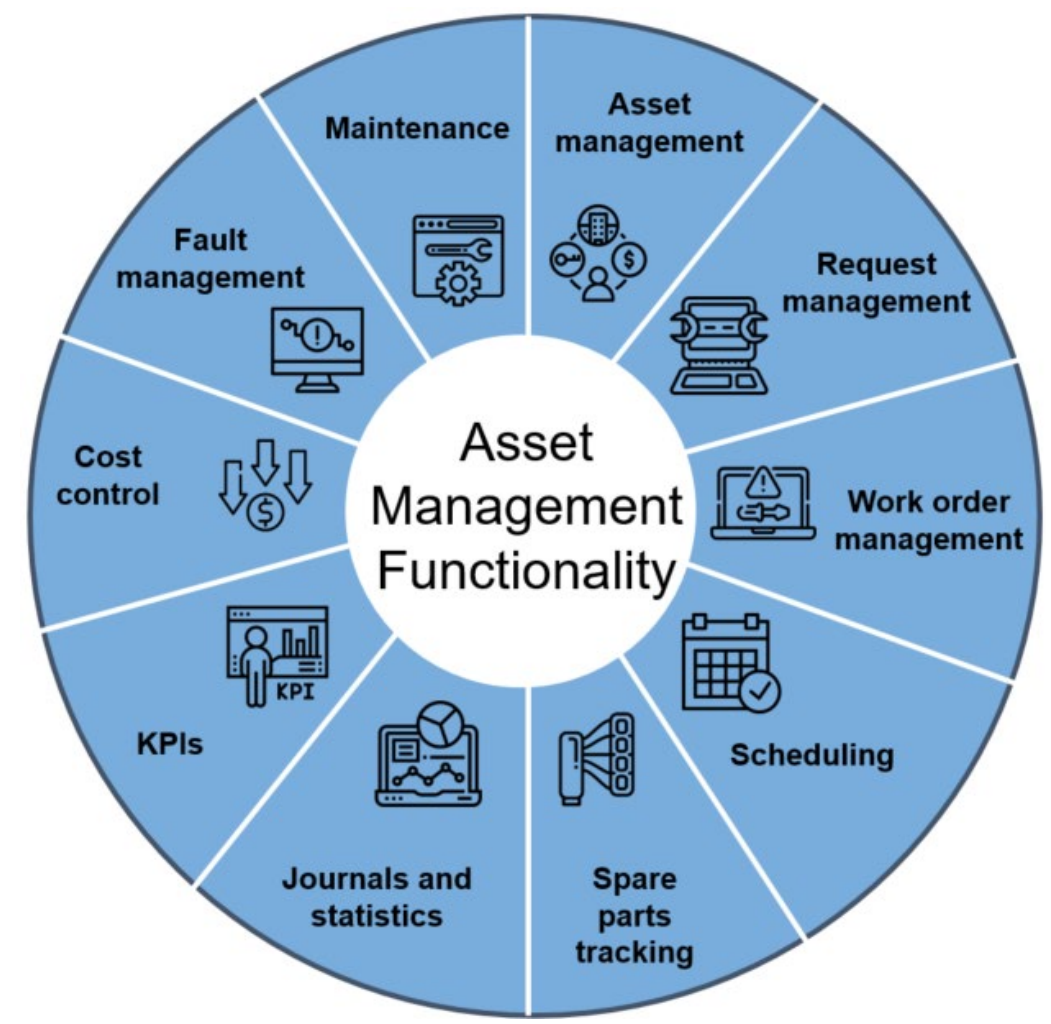


**"DYNAMICS 365 FO & COPILOT"**  
**THE FUTURE OF WORK IN MANUFACTURING**

# Asset Management



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

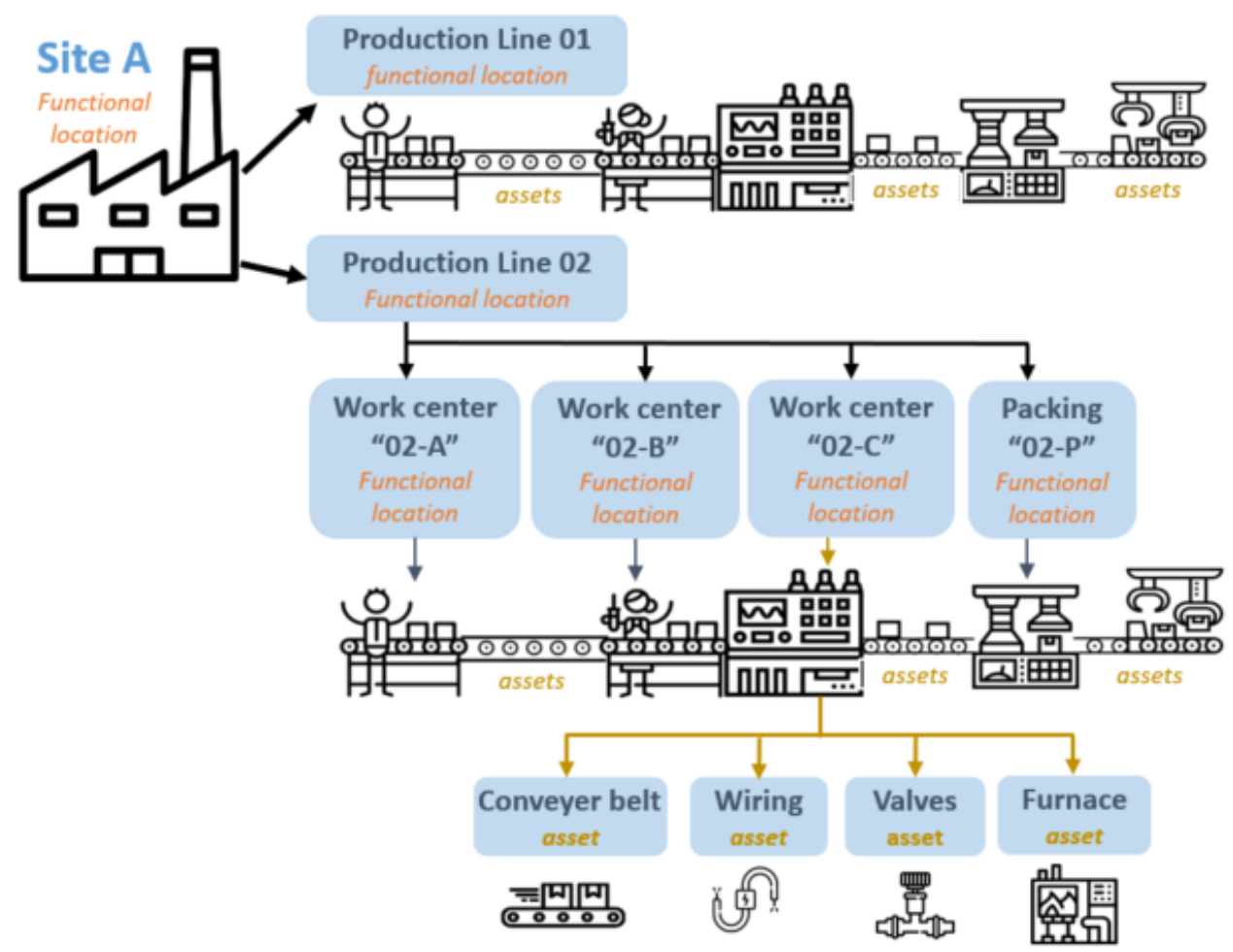


➔ **Asset Management functionality**





# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING



➔ **Functional locations**



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## All functional locations

Finance and Operations | Asset management > Functional locations > All functional locations

USMF [Clipboard] [Search] [5] [Smiley] [Settings]

← [Edit] + New [Delete structure] **Functional location** Options [Search]

Maintain	New	Functional location	View	Lifecycle state
Rename	Copy functional location structure	Install asset at location Replace asset	Cost control Hour control	Assets Maintenance requests
			Work orders Faults	Update functional location state Lifecycle state log

All functional locations

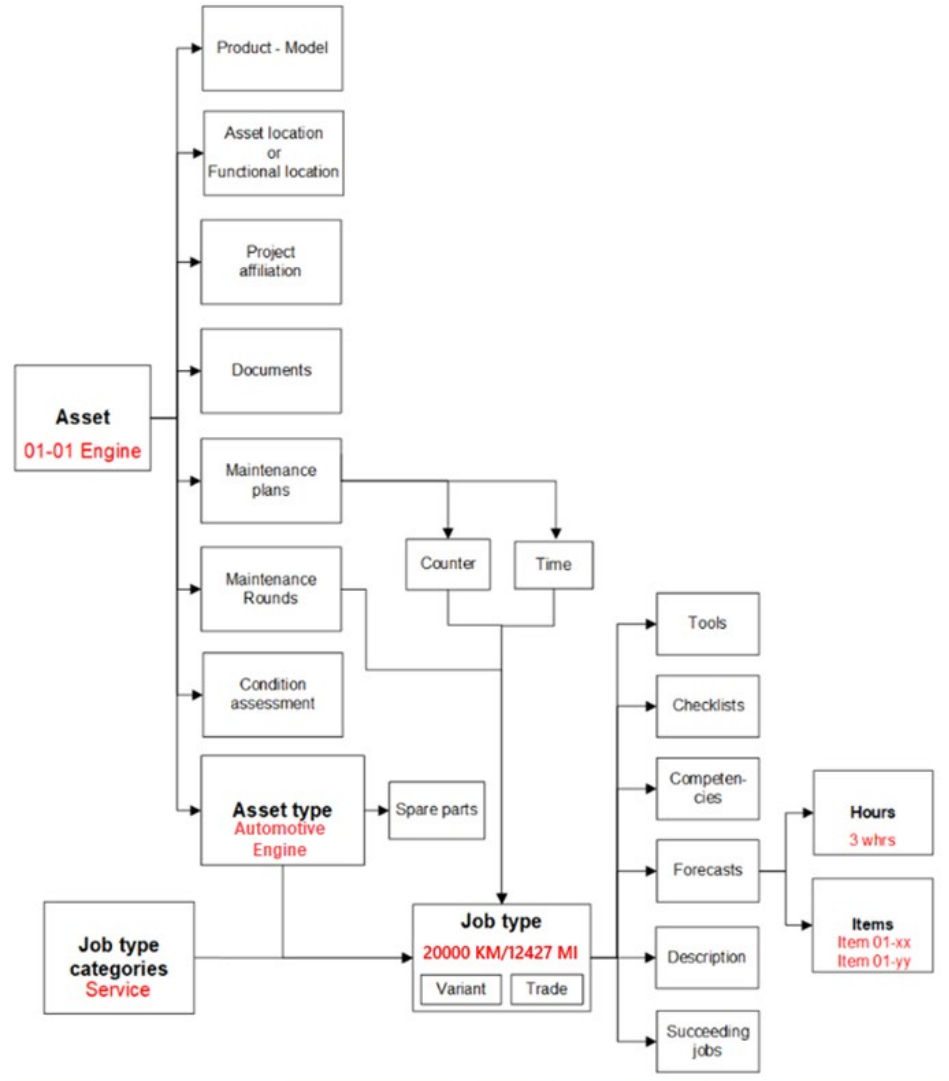
Standard view ▾

[Filter]

Functional location	Name	Functional location type	Parent	Children	Assets	Lifecycle state	Active mainten...	Active work or...
A-Mill-1	โรงโม่ A ชั้น 1	Area			5	Active	1	5
A-Mill-2	โรงโม่ A ชั้น 2	Area				Active		
A-Mill-3	โรงโม่ A ชั้น 3	Area				Active		
A-Mill-G	โรงโม่ A ชั้น G	Area			1	Active	1	1
B-Mill-1	โรงโม่ B ชั้น 1	Area			2	Active		1
B-Mill-2	โรงโม่ B ชั้น 2	Area				Active		



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

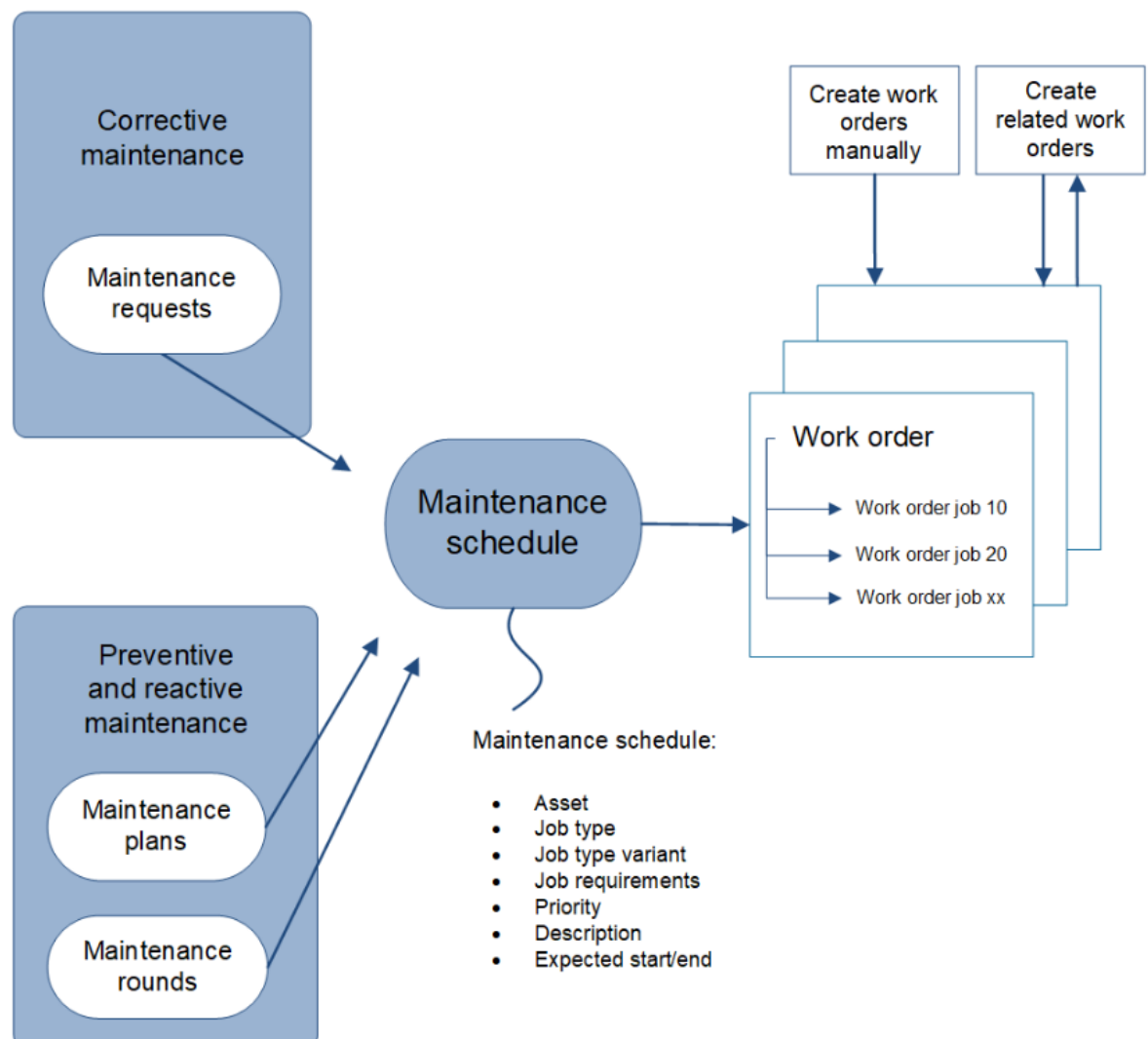


➔ **Assets and work orders**





# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING



## ➔ Maintenance



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Maintenance requests

Finance and Operations | Asset management > Maintenance requests > All maintenance requests | USMF

← Edit + New Delete Maintenance request Options

Maintain	New	View	Lifecycle state	Report	Loan
Work order pool	Work order	Asset fault Work orders	Update maintenance request state Lifecycle state log	Maintenance request details	Send loan asset

All maintenance requests

Standard view

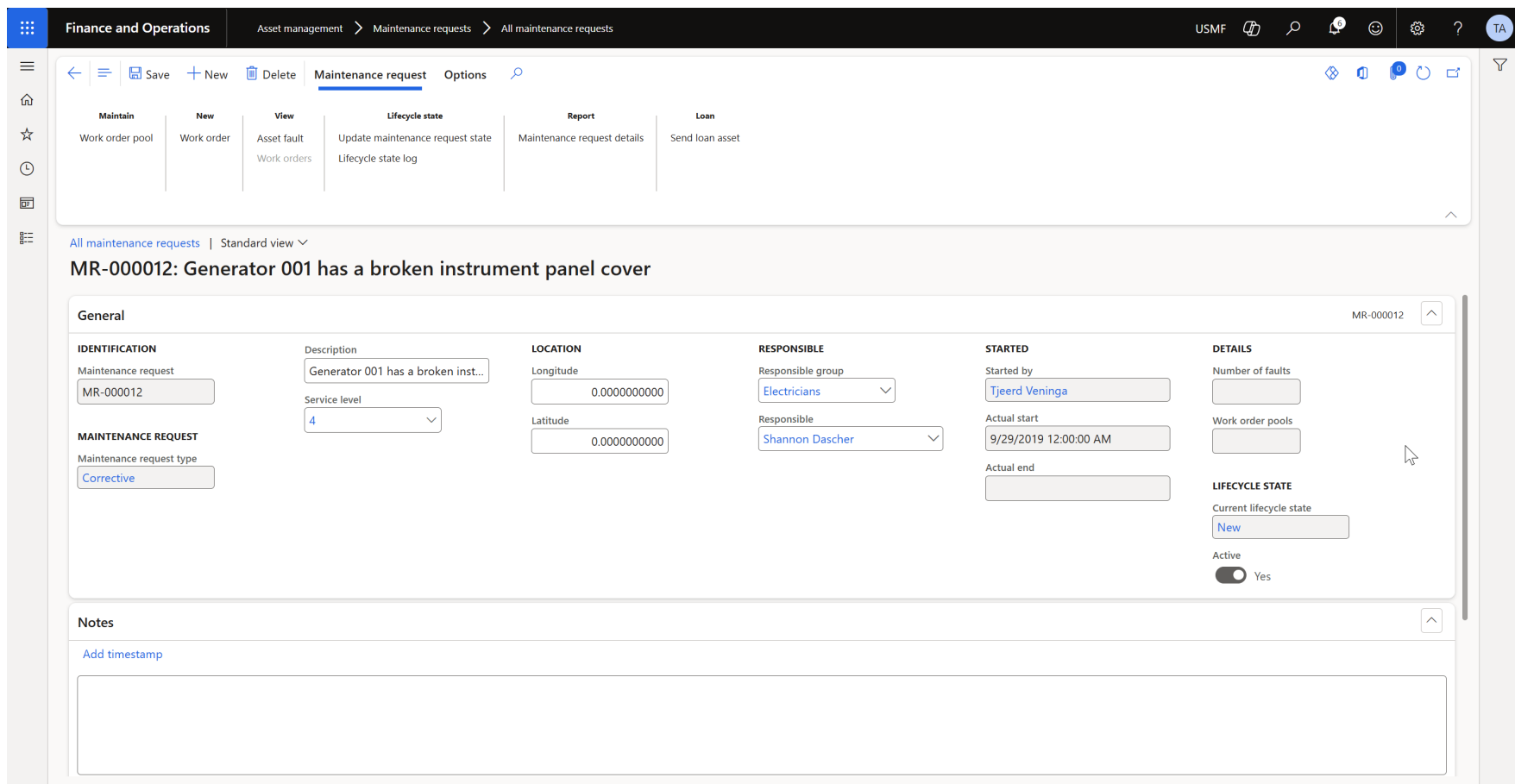
Filter

Maintenance request	Maintenance request type	Description	Service level	Functional location	Asset	Asset verified	Maintenance job type	Maintenance job
MR-000012	Corrective	Generator 001 has a broken inst...	4	PP-04-03	GEN-001		Inspection	
MR-000013	Corrective	Main motor is emitting a high pi...	2	PP-02-01	DCM-101		Repair	
MR-000016	Breakdown	เครื่องไม่พียง	1	A-Mill-G	A-C10		Breakdown	
MR-000017	Breakdown	เครื่องจักร A-B2A พังกระทันหัน	1	A-Mill-1	A-B2A		Breakdown	
MR-000025	Corrective		1	C-Mill-1	C-C9			
MR-000026	Corrective		3	ICA-001	A1-BELT1			
MR-000027	Corrective	TEST	3	ICA-001	A1-BELT2			
MR-000028	Breakdown	แจ้งซ่อมเครื่องจักร B-C8	1	B-Mill-1	B-C8			
MR-000038	Corrective	ssadas	1	PP-04-02	COM-001			
MR-000039	Corrective	Hdusus	1	PP-02-01-01	CL-101			
MR-000040	Corrective		1	PP-04-02	COM-001			
MR-000041	Corrective	test	3	ICA-001	A1-BELT1		Inspection	



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## ➔ Maintenance requests - Detail



The screenshot shows the Dynamics 365 Finance and Operations interface for a maintenance request. The breadcrumb trail is: Finance and Operations > Asset management > Maintenance requests > All maintenance requests. The page title is "MR-000012: Generator 001 has a broken instrument panel cover".

**General** (MR-000012)

IDENTIFICATION	Description	LOCATION	RESPONSIBLE	STARTED	DETAILS
Maintenance request MR-000012	Generator 001 has a broken inst...	Longitude 0.0000000000	Responsible group Electricians	Started by Tjeerd Veninga	Number of faults [Empty]
MAINTENANCE REQUEST Maintenance request type Corrective	Service level 4	Latitude 0.0000000000	Responsible Shannon Dascher	Actual start 9/29/2019 12:00:00 AM	Work order pools [Empty]
				Actual end [Empty]	LIFECYCLE STATE Current lifecycle state New Active <input checked="" type="checkbox"/> Yes

**Notes**

Add timestamp





# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Open maintenance schedule lines

Finance and Operations | Asset management > Maintenance schedule > Open maintenance schedule lines

USMF

[New](#) [Delete](#) **Maintenance schedule** [Options](#)

**New** | **Maintain** | **Schedule** | **Related information**  
 Work order | Edit | Adjust schedule | Maintenance plan | Maintenance job type defaults  
 Work order pool | Discard | Maintenance rounds

Open maintenance schedule lines

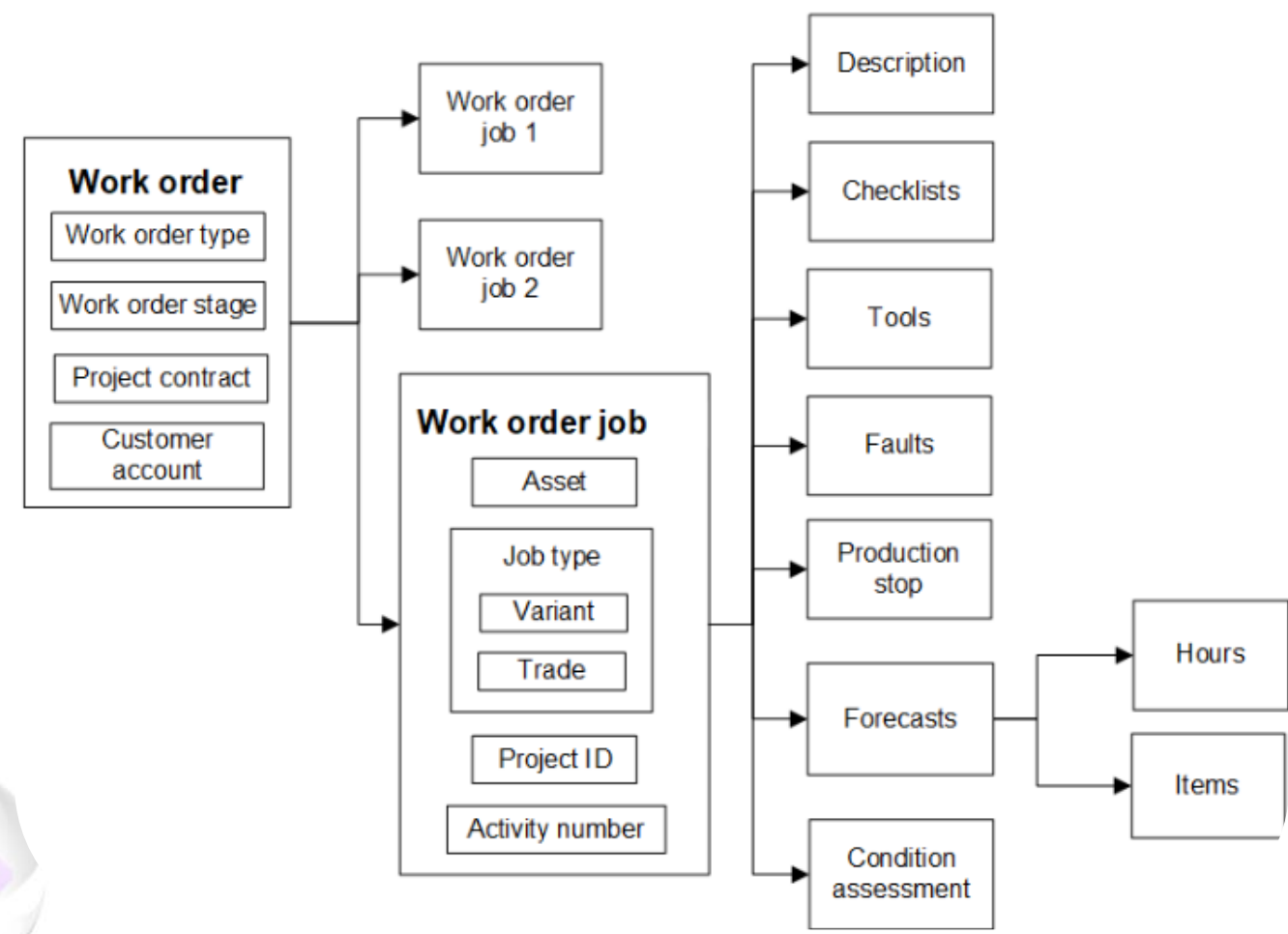
Standard view \* v

Filter

Expected start	Asset	Maintenance job type	Maintenance job type vari...	Trade	Maintenance f...	Functional location	Reference type	Reference ID	Description	Se
7/1/2025 7:00:00 AM	A1-PACK1	Preventive	1Month		0.00	DEF	Maintenance plans	MP01	แผนเป่าทำความสะอาดรองอากาศ...	1
6/1/2025 7:00:00 AM	A1-PACK1	Preventive	1Month		0.00	DEF	Maintenance plans	MP01	แผนเป่าทำความสะอาดรองอากาศ...	1
5/20/2025 7:00:00 AM	A-C10	Preventive	1Month		0.00	A-Mill-G	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(เครื่องกล)	1
5/13/2025 7:00:00 AM	BLN-201	Preventive	1Month		0.00	PP-02-02	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(เครื่องกล)	3
5/11/2025 7:00:00 AM	A-BSCR	Preventive	1Month		0.00	A-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(เครื่องกล)	2
5/1/2025 7:00:00 AM	A1-PACK1	Preventive	1Month		0.00	DEF	Maintenance plans	MP01	แผนเป่าทำความสะอาดรองอากาศ...	1
5/1/2025 7:00:00 AM	A-B2A	Preventive	1Year		0.00	A-Mill-1	Maintenance plans	JK-FML-RM-...	แผนเปลี่ยนถ่ายน้ำมันหล่อลื่นเครื่อง...	3
5/1/2025 7:00:00 AM	A-B2A	Preventive	1Month		0.00	A-Mill-1	Maintenance plans	A-B2A	test	3
5/1/2025 7:00:00 AM	A-B2A	Preventive	1Month		0.00	A-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(เครื่องกล)	3
5/1/2025 7:00:00 AM	C-C9	Preventive	1Year		0.00	C-Mill-1	Maintenance plans	JK-FML-RM-...	แผนเปลี่ยนถ่ายน้ำมันหล่อลื่นเครื่อง...	1
5/1/2025 7:00:00 AM	C-C9	Preventive	1Year		0.00	C-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(ไฟฟ้า)	1
5/1/2025 7:00:00 AM	A-C10	Preventive	1Year		0.00	A-Mill-G	Maintenance plans	JK-FML-RM-...	แผนเปลี่ยนถ่ายน้ำมันหล่อลื่นเครื่อง...	1
5/1/2025 7:00:00 AM	B-C8	Preventive	1Year		0.00	B-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(ไฟฟ้า)	1
5/1/2025 7:00:00 AM	B-C1A	Preventive	1Year		0.00	B-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(ไฟฟ้า)	1
4/25/2025 7:00:00 AM	A-B2A	Preventive	6Month		0.00	A-Mill-1	Maintenance plans	JK-FML-RM-...	แผนตรวจเช็คเครื่องไม่(ไฟฟ้า)	1



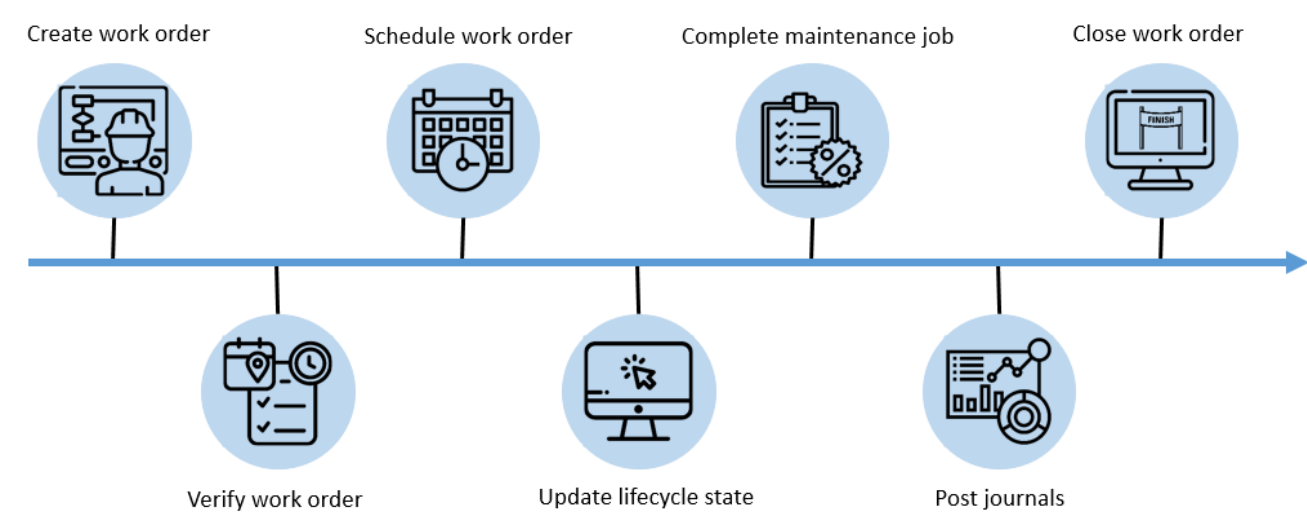
# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING



➔ **Work orders**



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING



➔ **Work orders flow**





# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Work order

Finance and Operations | Asset management > Work orders > All work orders | USMF

Work order | Invoicing | General | Options

Maintain: Work order pool, Adjust  
New: Related work order, Copy work order  
View: Event history  
Lines: Work order maintenance job notes, Tools, Maintenance checklist  
Asset: Asset fault, Maintenance downtime, Condition assessment, Asset counters  
Material: Material availability check  
Project: Forecast, Journals, Project transactions  
Lifecycle state: Update work order state, Lifecycle state log  
Attachments: Asset documents

All work orders  
Standard view

Filter

Work order	Work order type	Customer account	Description	Lines	Service level	Criticality	Start date/time	Current lifecycle state	Active	All maintenance jobs scheduled to	Work order po...	M : ter
WO-000016	Preventive		แผนตรวจเช็คเครื่องโ...	1	3	2 Medium	5/25/2024 7:30:00 AM	Rework	✓			
WO-000033	Preventive		แผนตรวจเช็คเครื่องโ...	1	1	2 Medium	10/25/2024 6:00:00 ...	InProgress	✓			
WO-000034	Corrective		เครื่องไม่พอง	1	1	2 Medium	5/14/2024 9:00:36 AM	InProgress	✓			
WO-000035	Corrective			2	1	2 Medium	5/14/2024 2:00:00 PM	Completed	✓			
WO-000040	Breakdown		เครื่องไม่ A-B1B พัง ...	1	1	2 Medium	11/8/2024 4:00:00 PM	Scheduled	✓			
WO-000041	Breakdown		เครื่องไม่ A-B2A พัง ...	1	3	2 Medium	5/14/2024 1:30:00 AM	Finished		Pierre Hezi		
WO-000042	Breakdown		แจ้งซ่อมเครื่องจักร A...	2	3	2 Medium	5/15/2024 12:00:00 ...	Finished				
WO-000047	Breakdown		เครื่องจักร A-B2A พัง...	1	1	2 Medium	5/15/2024 7:49:17 AM	Finished				
WO-000051	Preventive		test	1	3		6/1/2024 7:00:00 AM	InProgress	✓			
WO-000054	Preventive		Forklift is leaking h...	1	2		8/10/2019 11:22:15 ...	New	✓			
WO-000055	Corrective			1	1		7/4/2024 8:32:58 AM	New	✓			
WO-000056	Corrective		TEst00001	1	1		7/4/2024 8:41:30 AM	New	✓			
WO-000057	Corrective		TEst00001		1		7/4/2024 8:41:52 AM	New	✓			
WO-000058	Corrective		TEst00001	1	1		7/4/2024 8:41:57 AM	InProgress	✓			
WO-000059	Corrective		test	1	3		8/5/2024 7:00:00 AM	Scheduled	✓			
WO-000060	Preventive		แผนเข้าทำความสะอาด...	1	1		8/1/2025 2:00:00 PM	Completed	✓	arawan homkanjan		
WO-000062	Corrective		TEst00001	1	1		10/24/2024 5:08:01 ...	New	✓			



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Work order - Detail

Finance and Operations | Asset management > Work orders > All work orders | USMF

[←](#) [≡](#) [Edit](#) [+ New](#) [Delete](#) **Work order** [Invoicing](#) [General](#) [Options](#) [🔍](#)

Maintain	New	View	Lines	Asset	Project	Lifecycle state	Attachments	
<a href="#">Work order pool</a> <a href="#">Adjust</a>	<a href="#">Related work order</a> <a href="#">Copy work order</a>	<a href="#">Event history</a>	<a href="#">Work order maintenance job notes</a> <a href="#">Tools</a> <a href="#">Maintenance checklist</a>	<a href="#">Asset fault</a> <a href="#">Maintenance downtime</a>	<a href="#">Condition assessment</a> <a href="#">Asset counters</a>	<a href="#">Forecast</a> <a href="#">Journals</a> <a href="#">Project transactions</a>	<a href="#">Update work order state</a> <a href="#">Lifecycle state log</a>	<a href="#">Asset documents</a>

All work orders | Standard view ▾

### Work order: WO-000040

[Breakdown](#) [Scheduled](#)

[Lines](#) [Header](#)

Work order header

SERVICE LEVEL	CUSTOMER	EXPECTED	SCHEDULED	ACTUAL
Service level	Customer account	Expected start	Scheduled start	Actual start
1		5/14/2024 12:56:12 PM	11/8/2024 04:00:00 PM	
	Name	Expected end	Scheduled end	Actual end
		5/15/2024 12:56:12 PM	11/8/2024 10:00:00 PM	

Work order maintenance jobs 1

[+ Add line](#) [Remove](#) [Asset counters](#) [Dispatch](#) [Schedule](#) [Project group](#) [Item tasks](#) [Asset documents](#)

Line number	Asset	Functional location	Maintenance job type	Maintenance job type vari...	Trade	Link	Scheduled start	Scheduled end	Mainten...
1	A-B1B	A-Mill-1	Breakdown			None	11/8/2024 4:00:00 PM	11/8/2024 10:00:00 PM	



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

Asset KPIs

KPIs for selected line

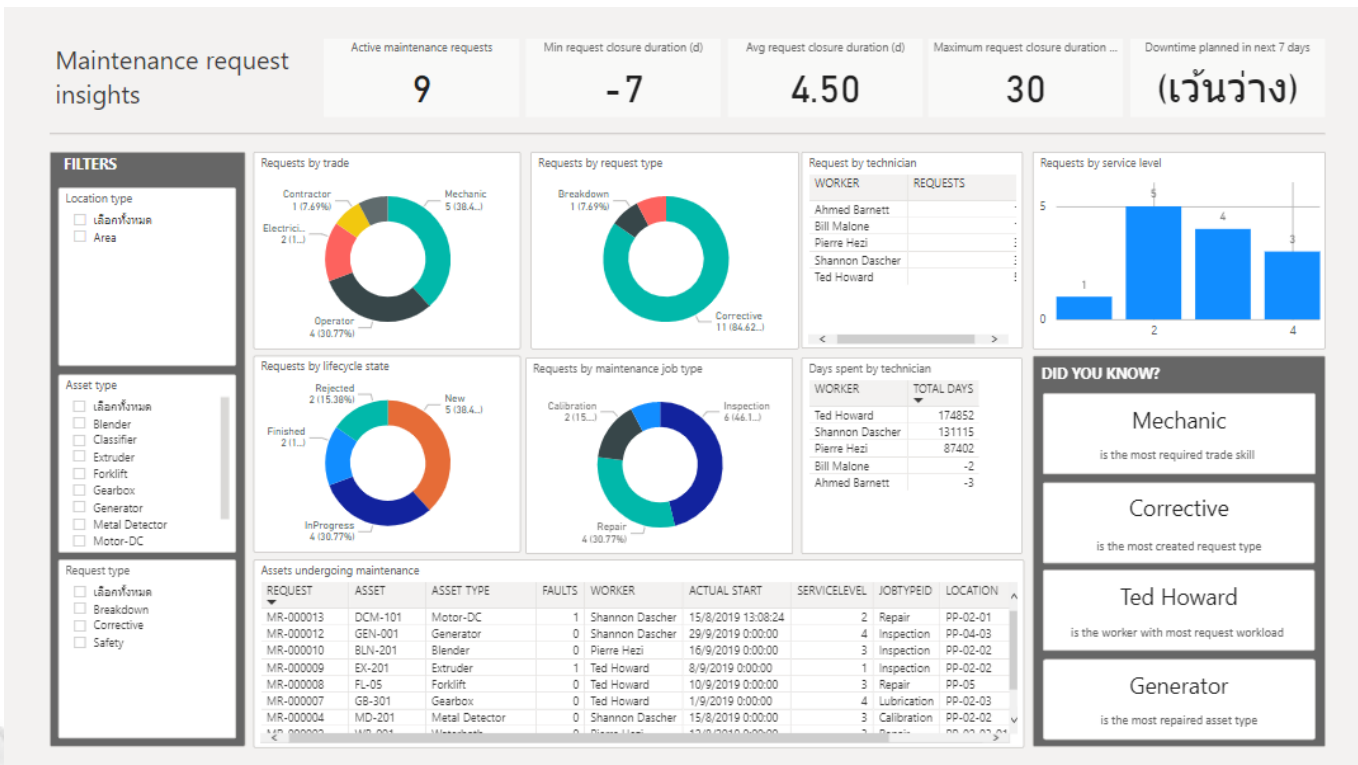
ASSET	SCALE	WORK ORDERS	FAULTS	MAINTENANCE DOWNTIME	COST
Asset CY-0001	Time scale Weeks	Work orders 6	Number of faults	Fail rate 0.84	Corrective cost 0.00
Asset type Air Compressor	<b>TIME</b> Total time 1.19	Work order time 0.02	MTBF 1.19	Reliability % 36.79	Preventive cost 150.00
Manufacturer Air	Uptime 1.14	Primary work orders 6	Repair work orders	Number of stops 1	Investment cost 0.00
Model TFE2213	Downtime 0.05	Secondary work orders	Repair time 0.00	MTBS 0.60	Replacement value 0.00
<b>DATES</b> From date 4/17/2022	<b>AVAILABILITY</b> Availability 0.96	<b>MAINTENANCE</b> Maintenance work orders 6	MRT 0.00	MTPS 0.05	<b>COST</b> Total cost 150.00
To date 5/20/2022	Availability % 96.00	Maintenance time 0.02			

## Asset KPIs





# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING



➔ **Maintenance request insights**



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Work order management - Analytics

Work order management

Workspace **Analytics**

Work order insights

% of unplanned Work Orders	Planned Work Orders	Unplanned Work Orders	Work Orders scheduled in next 7 days
70.83%	7	17	(เว้นว่าง)

**Filters**

**Job group**

- เลือกทั้งหมด
- Breakdown
- Corrective
- Inspection
- Preventive

**Lifecycle state**

- เลือกทั้งหมด
- Completed
- Finished
- InProgress
- New
- Pending
- ปิดแล้ว

**Functional location type**

- เลือกทั้งหมด
- Area

**Work orders by work order type**

Type	Count	Percentage
Preventive	8	33.33%
Corrective	11	45.8%
Breakdown	4	16.67%
Safety	1	4.17%

**Work Orders by Functional location type**

Location Type	Count	Percentage
Area	24	100%

**Work Orders by Job group**

Job Group	Count	Percentage
Preventive	8	33.33%
Breakdown	6	23.08%
Inspection	3	12.5%
Corrective	7	29.17%

**Work Orders by Asset type**

Asset Type	Count	Percentage
FML-RM	10	41.6%
BELT CONVEYOR	2	8.33%
Extruder	2	8.33%
Gearbox	2	8.33%
Gener...	2	8.33%
Air C...	1	4.17%
Forklift	1	4.17%
Pelletizer	1	4.17%

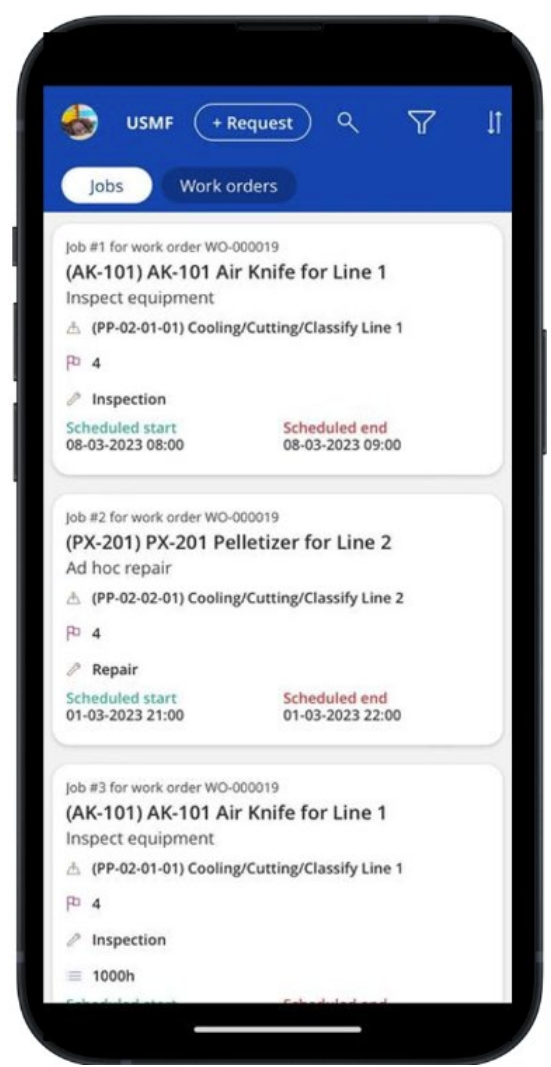
**DID YOU KNOW?**

- A-B2A**  
is the most frequently repaired asset
- Corrective**  
is the most common type of work order type
- Preventive**  
is the most frequent job type on work orders
- A-Mill-1**  
most of your work orders are from this functional location
- FML-RM**  
is the most repaired asset type in your organization
- (เว้นว่าง)**  
is the most required trade skill

Work Order insights | Work Order details | Asset repair insights



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

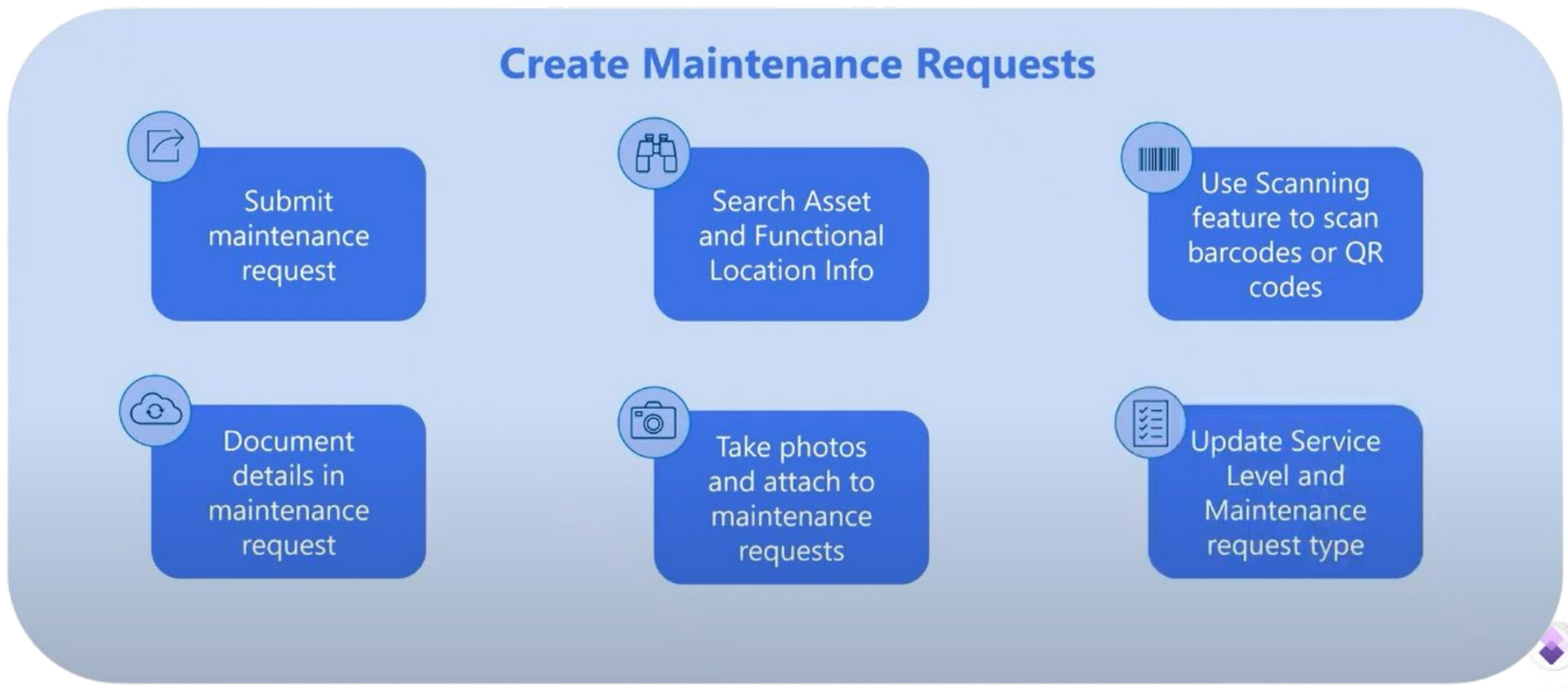


➔ **Asset  
Management  
mobile**

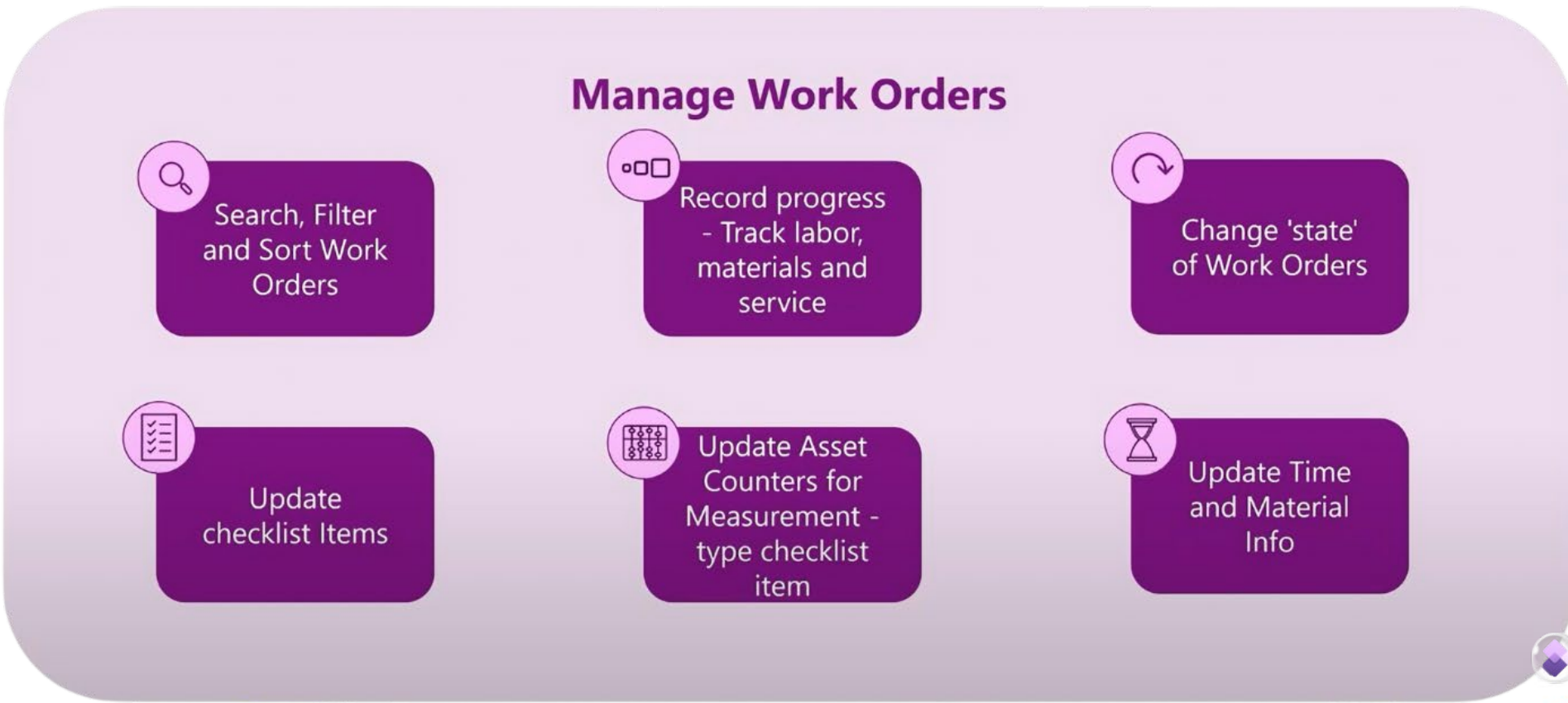




## ➔ Create Maintenance Requests



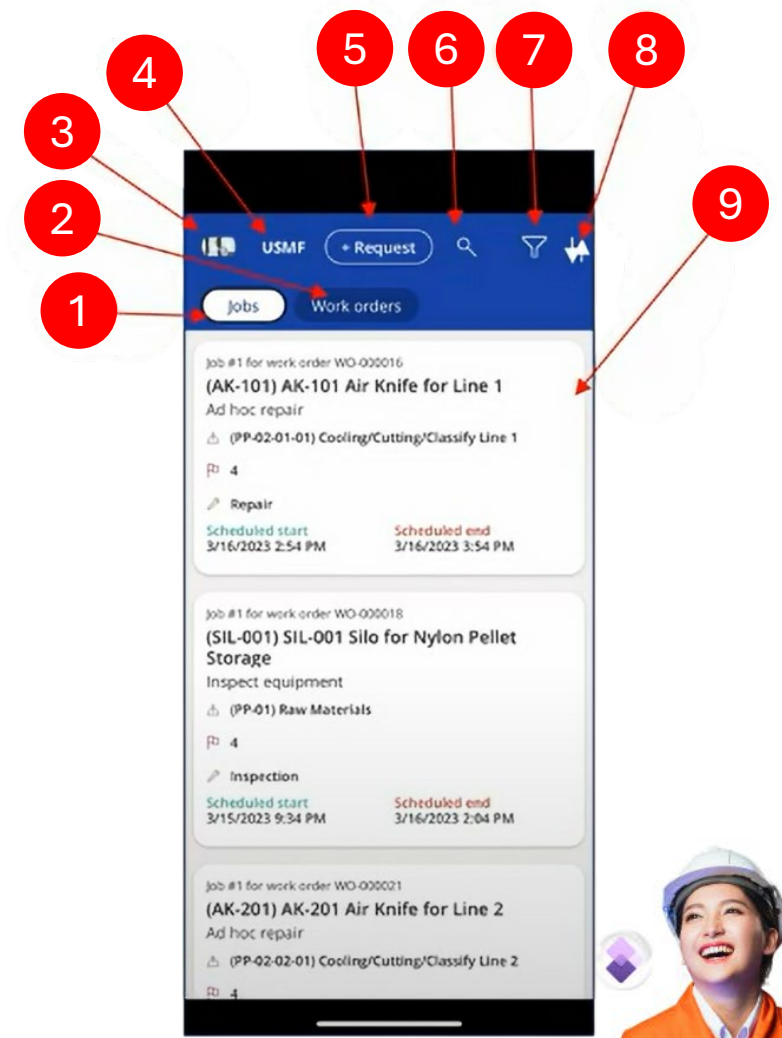
## ➔ Manage Work Orders



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

## Home page

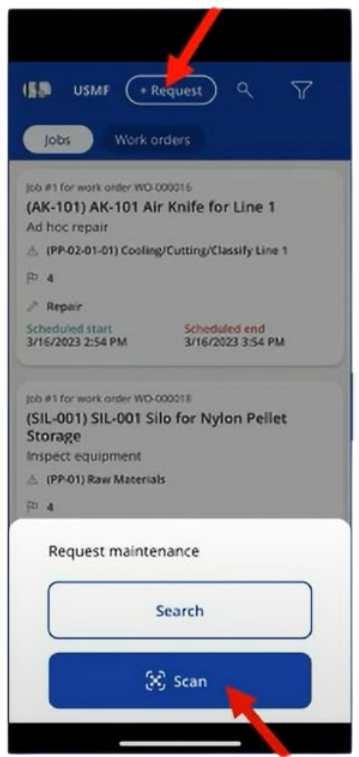
- 1 Jobs tab
- 2 Work orders tab
- 3 User image
- 4 Legal entity identifier
- 5 Request button
- 6 Search button
- 7 Filter button
- 8 Sort order button
- 9 Job/Work order card





## ➔ Create Maintenance Request page(s)

Click to initiate the Maintenance request creation process



Scan Asset or Functional Location Barcode/QR code



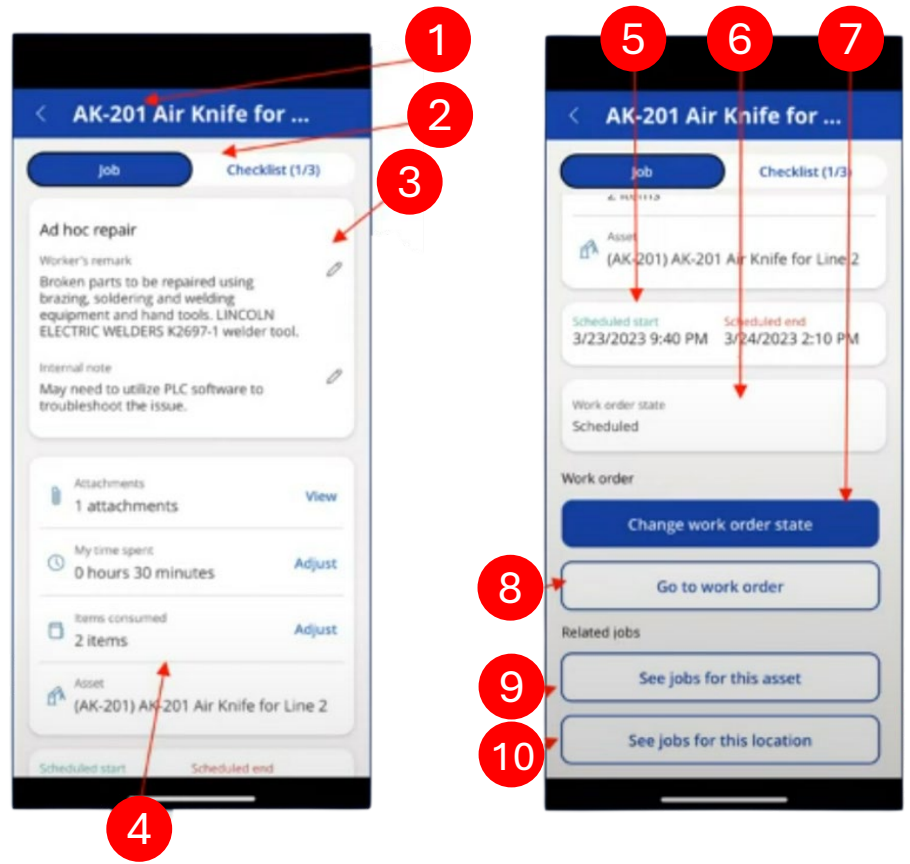
Update info in this form and hit the "Submit" button to create a request

- 1 Description
- 2 Notes
- 3 Service level
- 4 Maintenance request type
- 5 Add photos



# "DYNAMICS 365 FO & COPILOT" THE FUTURE OF WORK IN MANUFACTURING

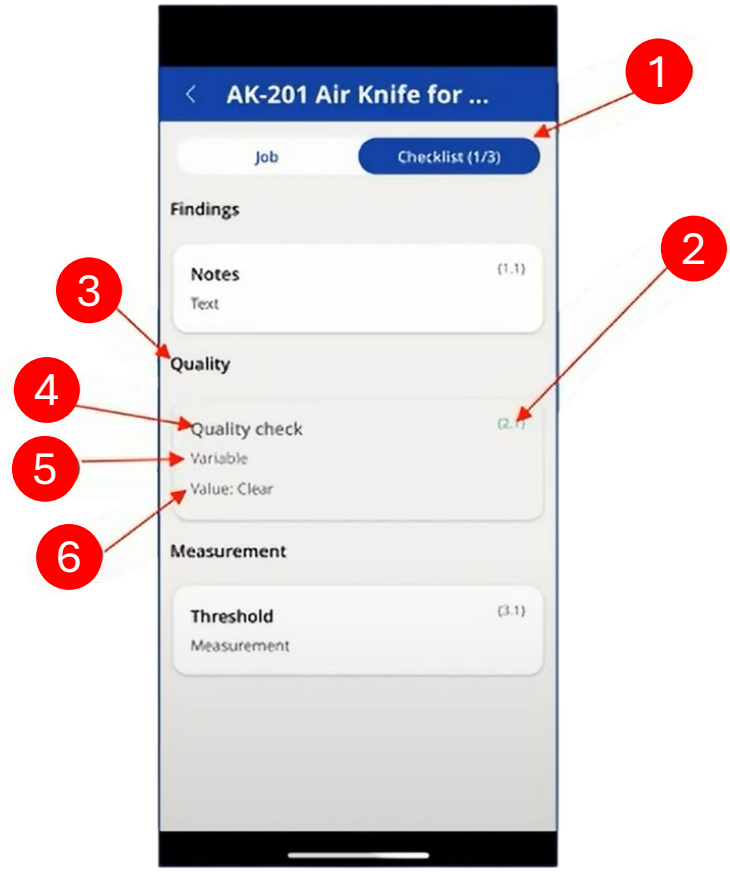
## Manage Jobs page



- 1 Work order identifier
- 2 Job and Checklist tabs
- 3 Job information
- 4 Attachment, time spent and materials consumed
- 5 Scheduled start and end dates and times
- 6 Work order state
- 7 Change work order state button
- 8 Go to work order button
- 9 See jobs for this asset button
- 10 See jobs for this location



## Manage Checklist associated with Jobs page

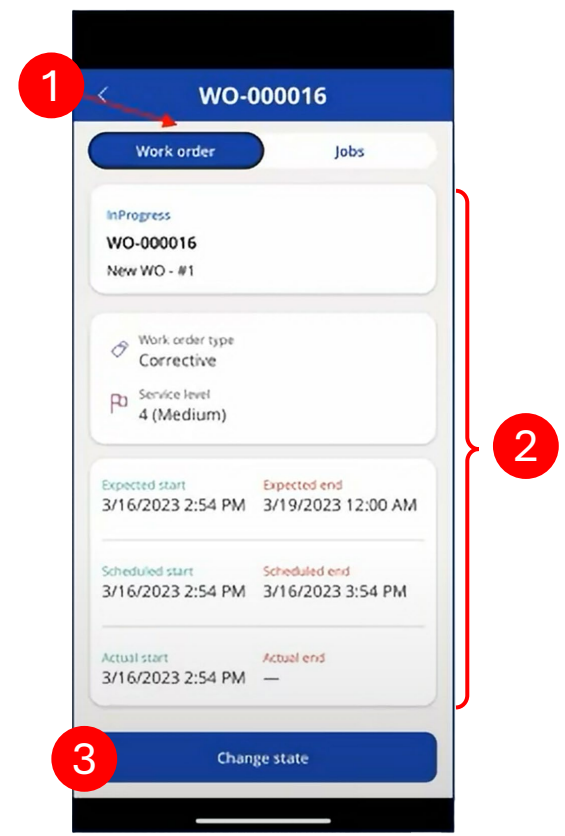


- 1 Text Jobs and Checklist tabs
- 2 Checklist line number
- 3 Group Name
- 4 Checklist item title
- 5 Checklist item type
- 6 Value





## ➔ Manage Worker Orders page



- 1 Work Order and Jobs tabs
- 2 Work order information
- 3 Change state button



# THANK YOU



พิเศษ! สำหรับผู้เข้าร่วมงานสัมมนา  
รับทันที **ลด 20%**  
สำหรับ Workshop "Copilot Studio"

Early Bird! ~~20,000~~ บาท/คน

**16,000**

สร้าง AI-Chat bot  
ในองค์กรของคุณด้วย  
"Copilot Studio"

Business-to-Employee (B2E)

🕒 สร้าง AI Chatbot Integrate  
กับข้อมูลในองค์กรของคุณ  
เพื่อเพิ่ม Productivity ให้กับทีมงาน

Copilot Studio Workshop: เนื้อหาที่คุณจะได้รับ

- Chatbot Use Case
- Copilot Studio Tools
- Understanding Data Requirements for AI Chatbots
- Data Cleansing
- Building Advanced Bot Interactions
- Testing and Debugging
- Deployment
- Summarize Q & A

สิ่งที่คุณได้รับ:

- Certificate
- Onsite Workshop 2 วันเต็ม
- Slide Training
- สอนตามหลังจากคอร์ส 1 เดือน
- AI-Chatbot ที่จะนำไปทดลองใช้ในองค์กร

ลงทะเบียน: **รับเพียง 16 ที่ เท่านั้น!**

**13-14 Dec, 2024**  
09:30am - 17:30pm  
Onsite @QuickERP สำนักงานใหญ่

ร่วมเป็นส่วนหนึ่ง  
ในงานเปิดตัว PLEX MES  
จาก Rockwell Automation ครั้งแรกในไทย  
พีเจเอ็มมากมายให้คุณได้อัปเดตระบบ MES ระดับโลก

**PLEX**  
MAKE YOUR OPERATIONS SMARTER

พบกับงานเปิดตัว PLEX MES  
ครั้งแรกในประเทศไทย  
ยกระดับการผลิตสู่ระดับโลก

Unlock the Power of  
Digital Transformation with  
Plex Smart Manufacturing System

TOPIC HIGHLIGHTS

- 01 PLEX Overview & Key Features
- 02 Rockwell Automation Customer Experience Center Visit
- 03 Customer Use case
- 04 Live Demo: PLEX MES in Action

TIME AND DATE:  
**3 DEC 2024**  
13.00 - 16.30

LOCATION:  
ROCKWELL AUTOMATION THAI CO., LTD.  
28TH FLOOR 6 TOWER NORTH WING

CONTACT US FOR REGISTRATION:  
คุณสุภัทรา 095-493-6544

QUICK x RA Rockwell Automation PLEX

มาอัปเดตระบบ  
MES ระดับโลก  
กันเถอะ

