

# MICROSOFT COPILOT FOR FIELD SERVICE PLAYBOOK

0

## **AGENDA**

Resources

**Copilot Introduction** 

**Business Impact of Copilot** 

**Feature Overview** 

**Customer References** 

Regions and Languages

Security

Next Steps

#### Resources

1

#### Introduction

<u>Copilot in Dynamics 365 Field Service</u> (video)

Copilot in Dynamics 365 Field Service supports exceptional frontline service - Microsoft Dynamics 365 Blog

Next-generation Al on the frontline with Microsoft Teams | Microsoft 365 Blog

Empower your frontline workers while increasing operational efficiency

Copilot in Dynamics 365 Field Service helps take field support to the next level - Microsoft Dynamics 365 Blog

2

#### Deep-dive

<u>Dynamics 365 Field Service - Copilot</u> in Field Service | Microsoft Learn

<u>Dynamics 365 Field Service -</u>
<u>Microsoft 365 integrations for Field</u>
<u>Service | Microsoft Learn</u>

Frontline updates in Microsoft
Teams, Windows 365, Copilot &
Dynamics 365 Field Service (video)

FAQ for Copilot data security and privacy for Dynamics 365 and Power Platform - Dynamics 365 | Microsoft Learn

Enable copilots and generative AI features - Power Platform | Microsoft Learn

3

#### **Install & Admin**

Test copilot within a trial environment

Set up Field Service for Outlook

<u>Set up the Dynamics 365 Field</u> Service Plugin for Microsoft Copilot

<u>Customize the Microsoft 365</u> integrations for Field Service

Obtain licenses and set up the plugin

New mobile user experience (preview) - Dynamics 365 Field Service | Microsoft Learn

FAQ about work order creation using Copilot in Field Service for Outlook

FAQ about Dynamics 365 Field
Service Plugin for Microsoft Copilot
(preview) - Dynamics 365 Field
Service | Microsoft Learn

4

#### **Training**

Overview of Dynamics 365 Field Service 2023 release wave 2 | Microsoft Learn

Experience the power of Copilot in Dynamics 365 Field Service in the mobile application - Microsoft Dynamics 365 Blog

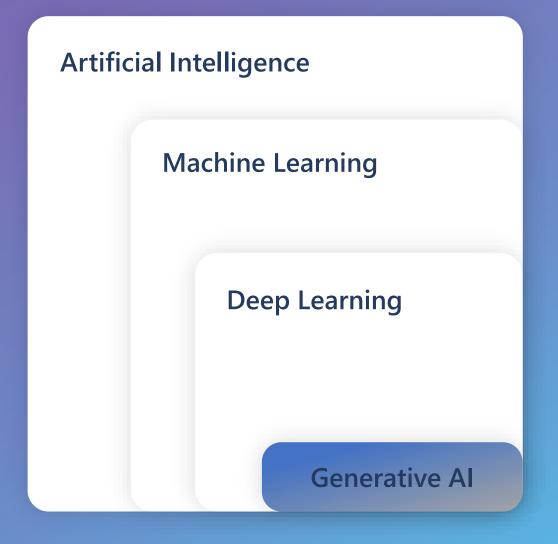
<u>Copilot for Field Service Tip Time -</u> <u>Ready to share Template for Training</u>



#### What's new

Release Plan

## **Technology Evolution**



1950s

#### **Artificial Intelligence**

the field of computer science that seeks to create intelligent machines that can replicate or exceed human intelligence.

1959

#### **Machine Learning**

subset of AI that enables machines to learn from existing data and improve upon that data to make decisions or predictions.

2017

#### **Deep Learning**

a machine learning technique in which layers of neural networks are used to process data and make decisions.

2021-2022

#### **Generative Al**

create new written, visual, and auditory content given prompts or existing data.

## LLM models changed what is possible

Text prompt

Teddy bears mixing sparkling chemicals as mad scientists as digital art

**Parameters** 

GPT-1

GPT-2

GPT-3

GPT-4

117 Million

1.5 Billion

**175 Billion** 

1.76 Trillion

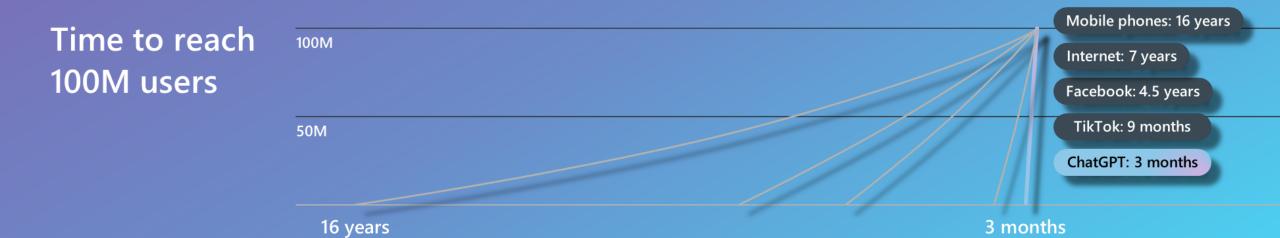




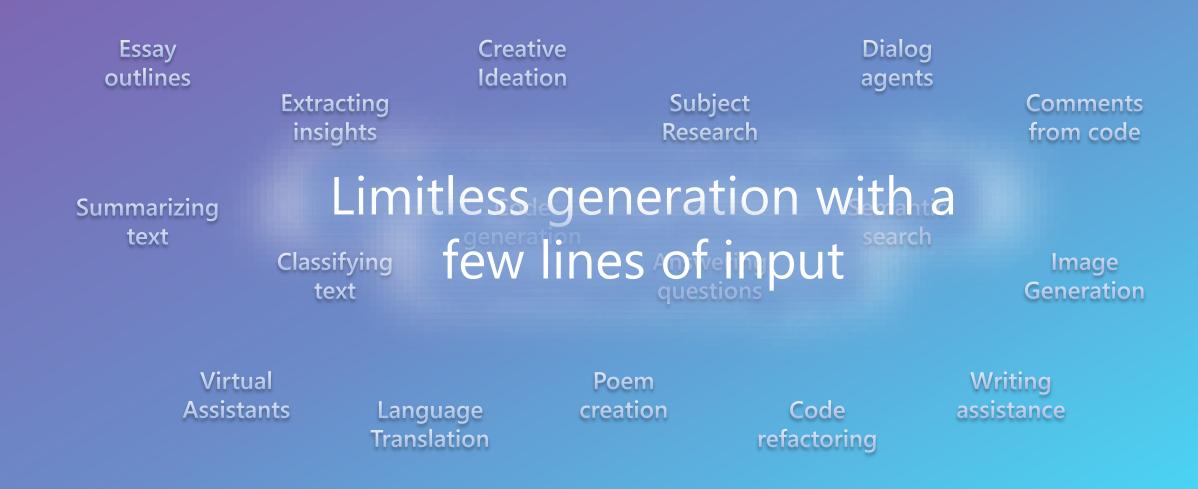




## The generative AI growth curve is the fastest the world has seen



## Generative AI capabilities



## **Era of Copilots**

Al as a real-time collaborator

...that generates content

...that sparks creativity

...that automates cognitive tasks

...that completes work

## In the future

## From people working side by side

## In the future

## From people working side by side

To people working side by side with Al

### Copilot makes core activities better



#### Communicate

Create compelling content tuned for your business context



#### **Analyze**

Ask questions about your business data and processes, generate insights



#### Act

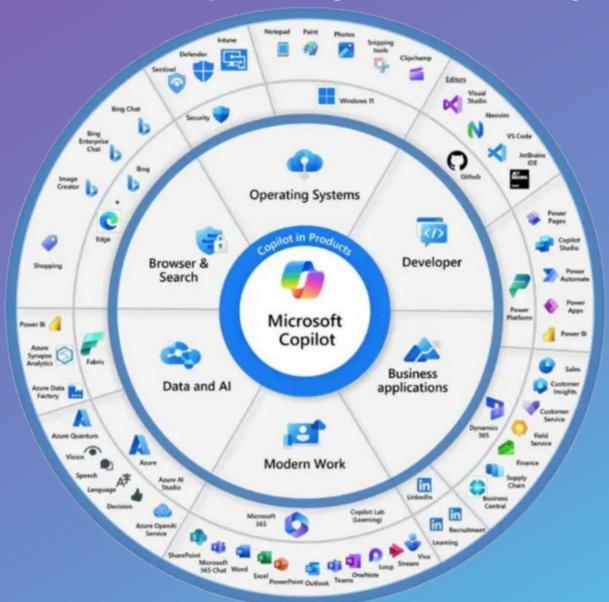
Instruct copilot to perform

business tasks with

human in the loop

validation

## Make Copilot your everyday Al companion

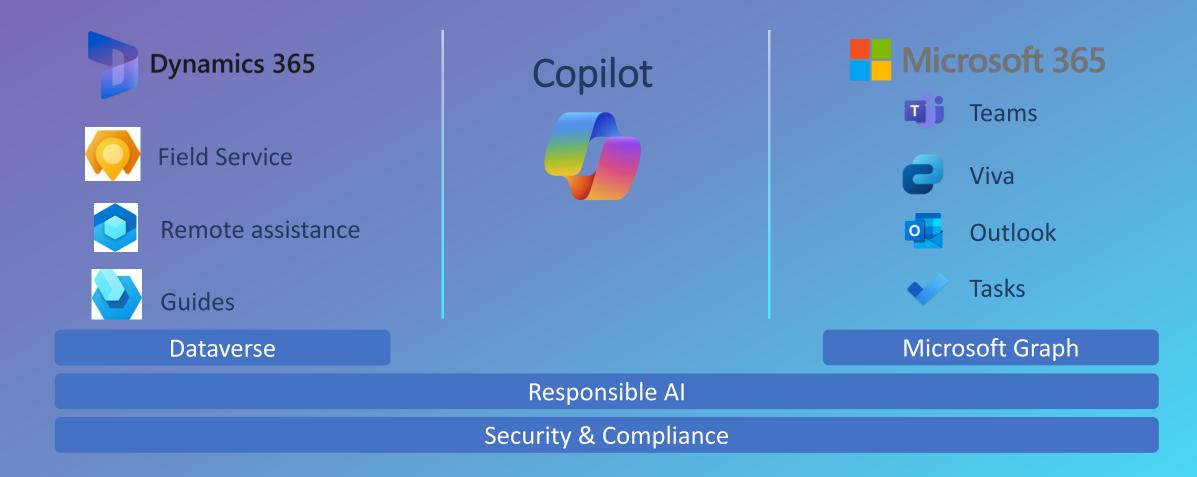


Whether you're writing, communicating, coding, designing, or just browsing, Copilot will be at the ready to respond to your request and help you do your best work.

Expand what's possible for everyone in your organization with Al. Empower people to create new ideas, connections, experiences, and innovations with Microsoft Copilot in the tools they already use.

Work more productively, boost efficiency, and improve business outcomes with Copilot—generative AI assistance right in your apps.

## Unlock the power of AI + M365 + your business data to maximize workforce efficiency





## Copilot in Dynamics 365 Field Service helps take field support to the next level



Dispatcher

- Assign the right technician based on customer needs
- Optimize the schedule for right technician at the right time and right location



**Frontline Technician** 

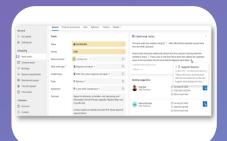
- Access to all the tools needed for the job in a single place
- Knowledge assistance, troubleshooting, and taking actions on work orders
- Easily find, and ask for help to get the job done in timely fashion



Field Service Manager

- Triage and manage work from multiple sources (emails, chats ...)
- Maximize productivity and utilization of frontline workers
- Manage customer relationships and access insights to respond to customers

## Modernize your Field Service solution with Microsoft 365 integrations and Al Copilot



### **Copilot for Field Service in Web**

Al-powered work order recaps help Field
Service Managers
quickly access critical information and recommended next steps, boosting efficiency and improving customer satisfaction



#### Copilot for Field Service in Mobile App

Technicians can update work orders in the new user experience of the Field Service mobile app.

This AI-powered feature allows frontline workers describe work performed in natural language using standard text or speechto-text capabilities



#### Copilot for Field Service in Outlook

An Outlook add-in for Field Service Managers to create, view, and edit work orders directly from their email



### **Copilot for Field Service in Teams**

A one-stop-shop for quick information and actions across all your team's devices (Field Service Manager)

Quickly view your daily schedule (Frontline Worker)



#### M365 Chat

Users with a Microsoft 365 Copilot license can simply state in chat what they need using natural language to receive specific information related to their work orders in Field Service

## Copilot simplify work order management in Web

#### **Business challenges**

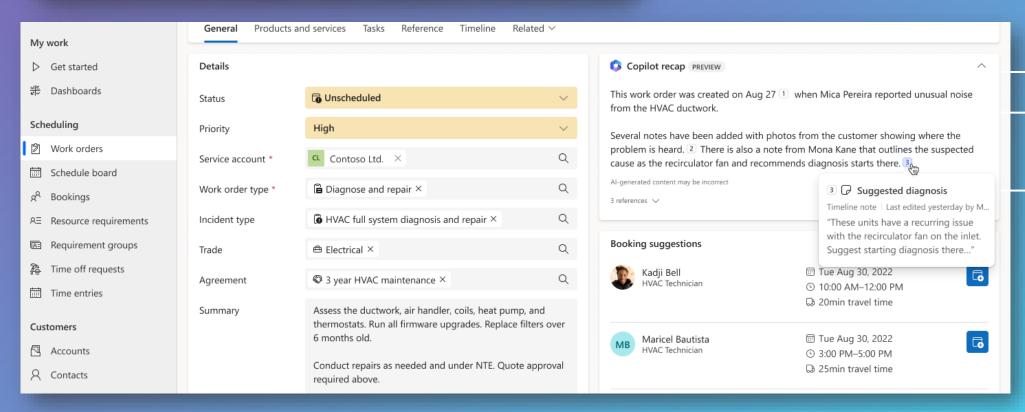
- Frontline workers spend hours everyday recapping or internalizing a large corpus of work orders, resources, schedules, and customer information.
- Inaccuracies in manually entering this volume of data are inevitable, making insights and next steps less reliable.
- In fast-paced, real-world settings, it's impossible for workers to effectively synthesize all the information being generated each day.

#### With Copilot you can

- Auto-summarize work orders, assets, resources, bookings, customers and accounts, and more.
- Generate actionable insights from a high volume of varied data.
- ➤ Get access to summaries and actionable insights where they're needed most to improve with first time first rate and CSAT.

### Copilot for Field Service in Web

#### Work order Recap



The recap can be minimized for screen efficiency

When enough data is available, Copilot auto generates a recap

References are available inline to help verify accuracy and learn more

Work order recap with Copilot in Field Service (preview) - Dynamics 365 Field Service | Microsoft Learn

## Boost frontline technicians' productivity

#### Challenges

- ➤ Technicians struggle with tight schedule of appointments. It's hard to pause and update the bookings.
- Finding the right field to update is a challenge for technicians who move from one route to another.
- Frontline workers face a lot of pressure to record information and often postpone it until the end of the day, risking to forget some details.

#### With Copilot you can

- Boost frontline technician productivity
- Describe work performed in natural language to update bookings.
- Using voice commands, Frontline Technicians can save time when entering data and be able to focus more on his tasks.

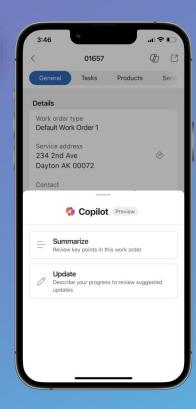
### Copilot in Field Service mobile

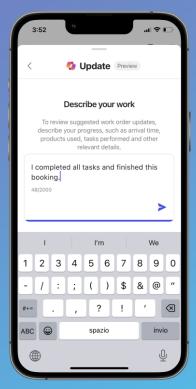
#### **Update Booking on Mobile**

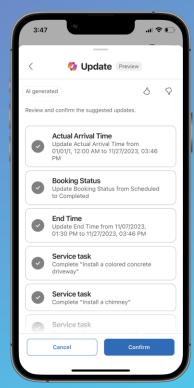
With the help of Copilot in Dynamics 365 Field Service, Frontline Technicians can update work orders in the new user experience of the Field Service mobile app.

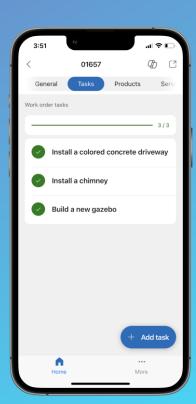
This AI-powered feature allows frontline workers describe work performed in natural language using standard text or speech-to-text capabilities. Based on their input, Copilot recommends updates to fields on the work order, and updates them after confirmation.

<u>Al-powered work order update (preview) -</u> <u>Dynamics 365 Field Service | Microsoft Learn</u>





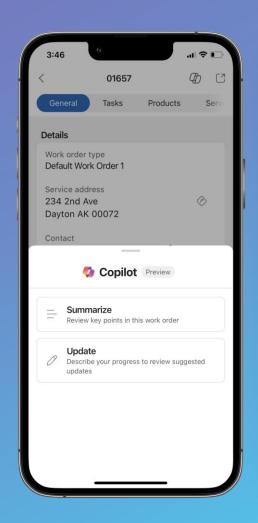


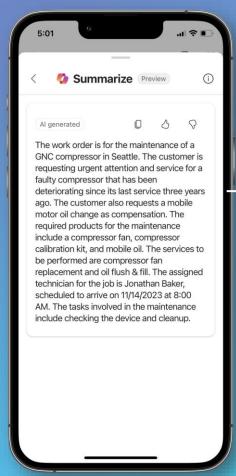


## Copilot in Field Service mobile

#### **Work Order recap**

Copilot for Field Service mobile help frontline technicians easily access the key information they need on the go to further save valuable technician time.





Review key points in the work order without having to navigate through a series of tabs

## Streamline work order management in Outlook

#### **Business challenges**

- Figure 2 Email responses take time to compose from scratch, even when they're repetitive.
- Employees spend 4-5 hours a day responding to emails (Adobe).
- McKinsey reports that poor manual scheduling can decrease field service productivity by up to 25%.
- Excess time is spent searching email, chat, and documents for customer-specific details.

#### With Copilot you can

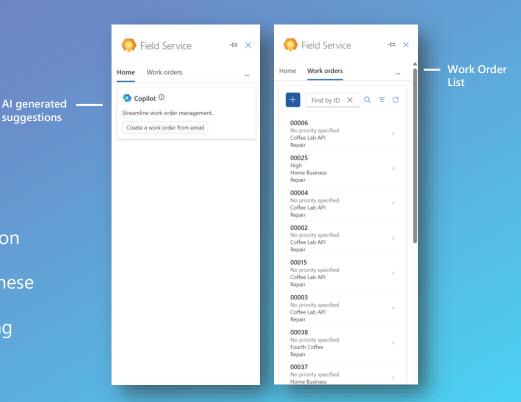
- Let Copilot translate emails to create new work orders and offer scheduling suggestions directly in Outlook, based on customer data and context.
- Minimize errors from manual scheduling or data entry.
- Optimize technician scheduling with datadriven recommendations based on factors such as travel time, availability, and skillset.

### Copilot for Field Service in Outlook

#### Streamline work order management in Microsoft 365

Without leaving Outlook, Copilot in Dynamics 365 Field Service Outlook add-in can streamline work order creation with relevant details pre-populated from emails and provide key Work Order Info.

It can also optimize technician scheduling with data-driven recommendations based on factors such as travel time, availability, and skillset. Relevant work orders are surfaced within this experience for managers to review before creating new work orders and these can be easily rescheduled or updated as customer needs change. In addition, organizations will be able to customize work orders for their frontline needs by adding new fields as well as renaming or rearranging existing fields.



suggestions

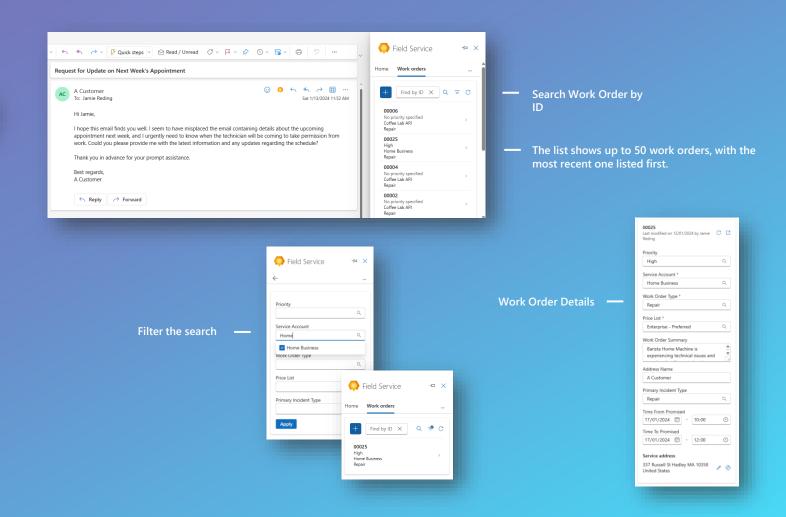
## The Copilot help pane in Outlook

#### **Work Order Info**

Field Service Copilot helps, without leaving Outlook, to quickly respond to questions about existing Work Orders having key information handy directly in Outlook.

New out-of-the-box or Custom fields can be added as well as renaming or rearranging existing fields.

<u>Customize the Microsoft 365 integrations for</u> <u>Field Service - Dynamics 365 Field Service |</u> <u>Microsoft Learn</u>



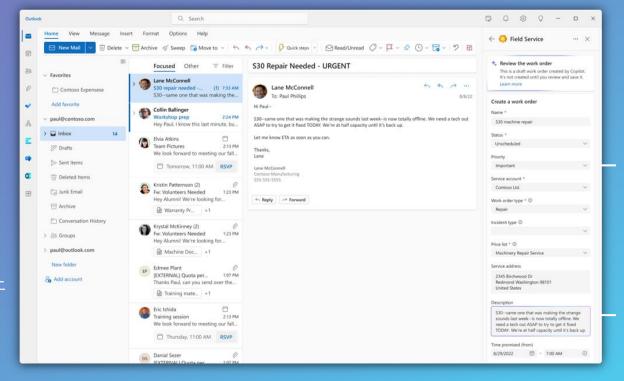
## The Copilot help pane in Outlook

#### **Work Order Creation**

With Copilot, customer e-mails are pre-populated into draft work orders to review in Outlook. With one click, summary data can be saved to Field Service, keeping it user-friendly.

Email threads provide context for essential work order fields

Work with Field Service in Outlook (frontline managers) - Dynamics 365 Field Service | Microsoft Learn



Sentiment analysis helps suggest the right priority

Email summary saved concisely into Dynamics 365 Field Service

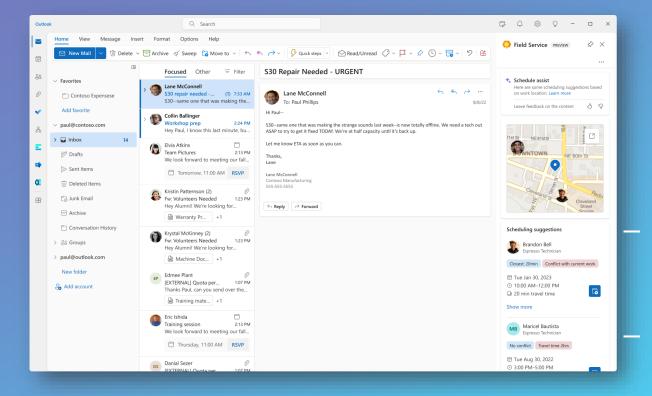
## The Copilot help pane in Outlook

#### **Get scheduling recommendations**

Field Service Copilot keeps things simple with streamlined processes and support to help Jamie scheduling technicians with recommendations based on travel time, availability, skill set, and more.

It helps users with time-consuming tasks due to constantly changing windows, menus, and navigation.

Schedule or reschedule a work order



Schedule assist recommends a technician based on travel time, availability, and skill set

Additional choices keep the dispatcher in control

### Streamline work order management in Teams

#### **Business challenges**

Field Service Manager who use
Teams for most of their daily
communication, can find timeconsuming and frustrating to switch
between different tools to schedule
Field Service Technicians.

#### With Copilot you can

Field Service Manager can easily schedule work orders from Teams. The app suggests the best scheduling options based on various factors, such as technicians' skills and availability, distance to the customer site, agreed time slots, and the business unit.

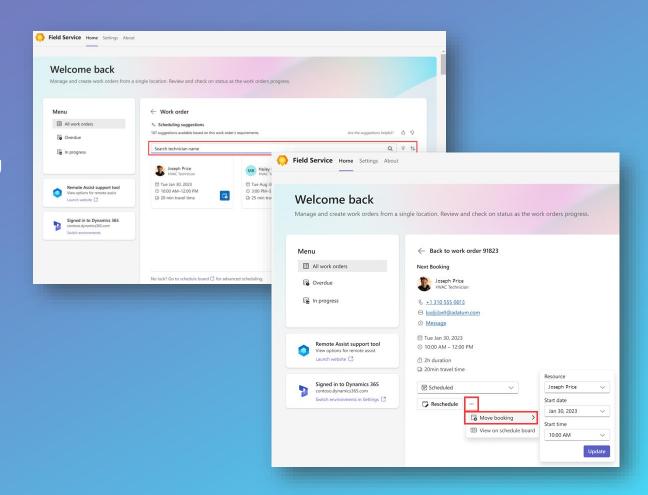
### Copilot for Field Service in Microsoft Teams

#### **Get scheduling suggestions in Teams**

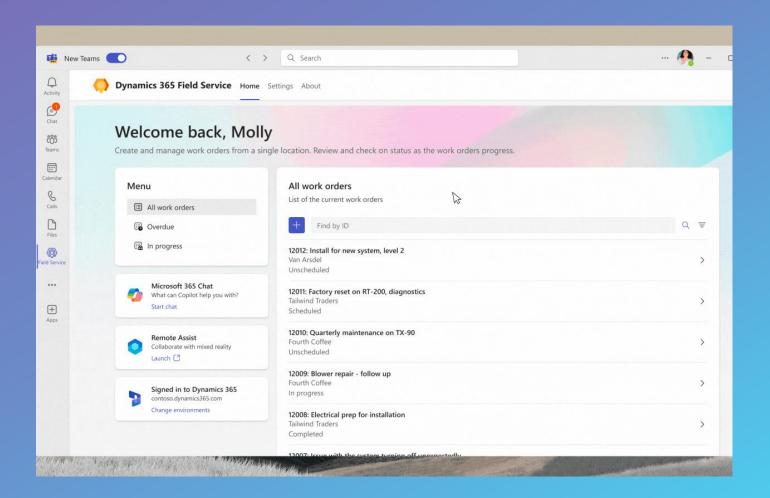
The Dynamics 365 Field Service app for Teams enables frontline managers to manage work orders without disrupting their workflow. Without leaving Teams, you can create, view, and edit work orders and quickly respond to requests for service or questions about existing requests.

Copilot for Field Service helps Field Service Managers schedule Work Orders. Scheduling suggestions are based on technicians' availability and skills, proximity to the customer's location, promised time windows, and the business unit.

Schedule or reschedule a work order



## **Copilot for Field Service in Teams**



## Getting answers faster with natural language search with Copilot in Microsoft Teams

#### **Business challenges**

- It's difficult to scale for wide-ranging customer service.
- Frontline workers are under pressure to resolve work orders quickly.
- Significant time is spent searching customer information, manuals, work order details, asset history and more.
- > Industry stats
  - Mckinsey 2 hr. /day
  - IDC 30% of the workday

#### With Copilot you can

- Ask simple questions in natural language to help troubleshoot on the job.
- Search across all data, including guides and manuals, work orders, customer information, and more.
- Resolve high volumes of work orders efficiently.
- Improve CSAT and worker productivity.

### M365 Copilot Chat

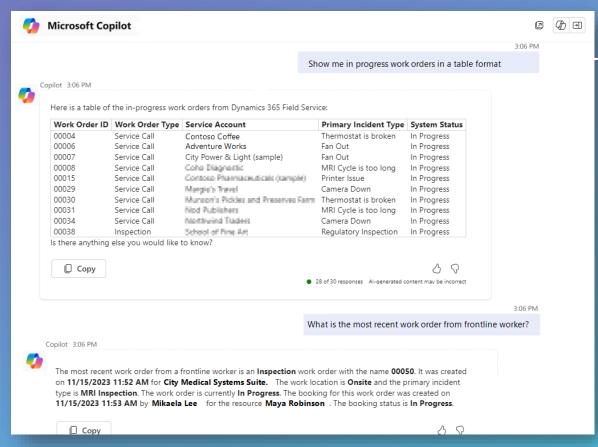
#### M365 Chat

Microsoft Copilot for Field Service work orders enables users to simply state what they need using natural language. For example, "What are the high priority work orders?" to receive a concise overview of the key work orders.

Users with Teams as my main communication platform, have a quick way to get important information regarding work orders without having to switch to different tools.

Frontline Workers have this feature on Mobile devices.

<u>Dynamics 365 Field Service Plugin for Microsoft Copilot</u> (preview) - Dynamics 365 Field Service | Microsoft Learn



\*Requires the "Microsoft 365 Copilot" license

Ask Copilot questions using a natural language

## What early adopters are saying about Copilot...

"Game changer for frontline teams"

"Reduce admin burden"

"Reduce admin burden"

"Reduce admin burden"

"Quicker response times"

"Quicker response times"

"Stay in the flow of work"

"Game changer for frontline teams"

"Reduce admin burden"

"Reduce admin burden"

"Reduce admin burden"

"Quicker response times"

"Quicker response times"

"Stay in the flow of work"

"Stay in the flow of work"

"Faster way of working"

"Faster way of working"

"Faster way of working"

"Faster way of working"

"Access to information faster"

"Access to information faster"

"Access to information faster"

"Increase the speed of customer responses"

"Increase the speed of customer responses"

### **Customer & Partner Reactions**

#### **HITACHI**

"We are excited to introduce Copilot in Dynamics 365 Field Service to our clients in the Property and Housing market because we see the power in simplicity. Whether it be our clients raising responsive repairs for their homes to get the right person with the right skill, ...management of their business plans, inventory, ...Copilot enables frontline teams to go from issue to resolution in just a few clicks."



"I'm pleasantly surprised how well it works across all email types and I see this as massive value to our customers."



"I am really excited about Copilot as I believe it will completely change the way our employees interact with Field Service. It will be a game changer for our field service and frontline teams, allowing them to enhance best-in-class service by getting access to the information they need when they need it."



"What pleasantly surprised us was how the enhanced work order form and view features provide a streamlined experience which will greatly improve efficiencies for end users. The integration of Dynamics 365 Field Service and Microsoft 365 allows users to work in applications most familiar to them and still stay connected and informed on all matters related to Field Service."

#### **Case studies & Social Media Campaigns:**

**G&J Pepsi**: Microsoft Customer Story-Dynamics 365 quenches G&J Pepsi-Cola Bottlers' thirst for innovation, integration, and agility **Hitachi**: Al at your service with Copilot in Microsoft Dynamics 365 Field Service **Joulz & 9altitudes**: Field Service extends business transformation for core industries.

## Field Service Copilot supported geographies, regions



#### **Available regions**

Copilot enabled/ON by default

#### **Supported languages**

English and local languages such as Dutch, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, and Spanish and more



### When Data will move across regions

Data movement across regions is required when an Azure OpenAl Service endpoint isn't available in the same location and your Dynamics 365 environment

If your environment is hosted on a specific region as London or France, the data will not move outside Europe but is considered across region anyway as there isn't any Open AI endpoint on same location

#### Data Movement required

Dynamics 365 geography	Azure OpenAl geography
Asia Pacific	United States
Australia	United States
Canada	United States
Europe	Europe
France	Europe
Germany	Europe
India	United States
Japan	United States
Korea	United States
Norway	Europe
Singapore	United States
South Africa	United States
South America	United States
Switzerland	Europe
United Arab Emirates	United States
United Kingdom	Europe
United States	United States

## Field Service Copilot supported languages

Today, Field Service Copilot already supports many Languages:

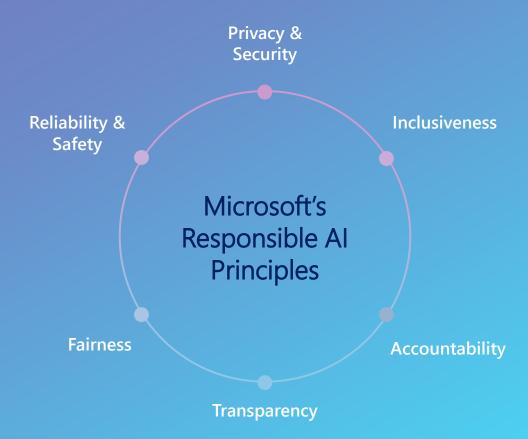
Language	Locale	Language	Locale
Basque (Basque)	eu-ES	Kazakh (Kazakhstan)	kk-KZ
Bulgarian (Bulgaria)	bg-BG	Korean (Korea)	ko-KR
Catalan (Catalan)	ca-ES	Latvian (Latvia)	lv-LV
Chinese (Simplified, PRC)	zh-CN	Lithuanian (Lithuania)	lt-LT
Chinese (Taiwan)	zh-TW	Malay (Malaysia)	ms-MY
Chinese (Hong Kong)	zh-HK	Norwegian (Bokmal)	nb-NO
Croatian (Croatia)	hr-HR	Polish (Poland)	pl-PL
Czech (Czech Republic)	cs-CZ	Portuguese (Brazil)	pt-BR
Danish (Denmark)	da-DK	Portuguese (Portugal)	pt-PT
Dutch (Netherlands)	nl-NL	Romanian (Romania)	ro-RO
English (United States)	en-US	Russian (Russia)	ru-RU
Estonian (Estonia)	et-EE	Serbian (Cyrillic, Serbian)	sr-Cyrl-RS
Finnish (Finland)	fi-Fl	Serbian (Latin, Serbia and	sr-Latn-RS
		Montenegro)	
French (France)	fr-FR	Slovak (Slovakia)	sk-SK
Galician (Galician)	gl-ES	Slovenian (Slovenia)	sl-SI
German (Germany)	de-DE	Spanish (Spain)	es-ES
Greek (Greece)	el-GR	Swedish (Sweden)	sv-SE
Hindi (India)	hi-IN	Thai (Thailand)	th-TH
Hungarian (Hungary)	hu-HU	Turkish (Turkey)	tr-TR
Indonesian (Indonesia)	id-ID	Ukrainian (Ukraine)	uk-UA
Italian (Italy)	it-IT	Vietnamese (Vietnam)	vi-VN
Japanese (Japan)	ja-JP		

Microsoft confidential: content is shared under NDA Source: Supported languages

## Responsible Al Trust, security, and compliance

## Microsoft Cloud runs on trust

- Your data is your data.
- Your data from any fine-tuning is <u>not</u> used to train the foundational AI models.
- Your data is <u>protected</u> by the most comprehensive enterprise compliance security controls.



## Responsible Al Data Security Principles

The Azure OpenAl Service is fully controlled by Microsoft; Microsoft hosts the OpenAl models in Microsoft's Azure environment and the Service does NOT interact with any services operated by OpenAl (e.g. ChatGPT, or the OpenAl API).

Your prompts (inputs) and completions (outputs):

- · are NOT available to other customers.
- are NOT available to OpenAI.
- · are NOT used to improve OpenAl models.
- are NOT used to improve any Microsoft or 3rd party products or services.

To learn more about Azure Al Service data privacy and security reference <u>Data, privacy, and security</u> <u>for Azure OpenAl Service</u>. To learn more about Microsoft Copilot data privacy, read our <u>Privacy Statement</u>.

## Responsible Al What kind of security and compliance does Copilot offer?

CSA STAR Certification		K-ISMS	
CSA STAR Attestation	<b>O</b>	PCI 3DS	
ISO 20000-1:2018		PCI DSS	
ISO 22301:2019		Australia IRAP	
ISO 27001:2013	<b>O</b>	Germany C5	
ISO 27017:2015	<b>O</b>	Singapore MTCS Level 3	
ISO 27018:2019	<b>O</b>	Spain ENS High	
ISO 27701:2019	<b>O</b>	Singapore OSPAR	
ISO 9001:2015		Conilat uses CDT models in Microsoft's Azura	
SOC 1, 2, 3	<b>O</b>	<ul> <li>Copilot uses GPT models in Microsoft's Azure</li> <li>OpenAl Service. Azure OpenAl Service runs</li> </ul>	
GSMA SAS-SM		on the Azure global infrastructure to meet	
HIPAA BAA	<b>O</b>	your production needs, such as critical enterprise security, compliance, and regional	
HITRUST		availability	

## Responsible Al How does Copilot protect customer data?

Copilot is compliant with our existing privacy, security, and compliance commitments to our customers.

- Multiple forms of protection to safeguard organizational data. Service-side technologies are utilized to encrypt customer content both at rest and in transit, ensuring robust security measures. For comprehensive information on encryption protocols, go to <a href="Encryption in the Microsoft Cloud">Encryption in the Microsoft Cloud</a>. Connections are safeguarded using Transport Layer Security (TLS). The transmission of data from Dynamics 365 and Power Platform to Azure OpenAl Service is facilitated through the Microsoft backbone network to ensure the reliability and safety of the transfer.
- Architected to protect tenant, group, and individual data. We know data leakage is a concern for customers. Large Language Models (LLMs) are not further trained on, or learn from, your tenant data or your prompts. Within your tenant, our permissions model provides safeguards and enterprise-grade security as seen in our Azure offerings. On an individual level, Copilot presents data that only you can access using the same technology that we've been using for years to secure customer data.
- Built on Microsoft's comprehensive approach to security, compliance, and privacy. Copilot is integrated into Microsoft services like Dynamics 365 and Power Platform and inherits these products' security, compliance, and privacy policies and processes. Multi-factor authentication, compliance boundaries, privacy protections, and more make Copilot the Al solution you can trust.

## Responsible Al Does Copilot meet requirements for regulatory compliance mandates?

Microsoft is offering Copilot within the Dynamics 365 and Power Platform ecosystem.

For details on the regulatory certifications of a Microsoft service, go to Service Trust Portal.

Additionally, Copilot adheres to our commitment to responsible AI, which is put into action through our <u>Responsible AI Standard</u>.

As regulation in AI evolves, Microsoft will continue to adapt and respond to future regulatory requirements in this space.

Dynamics 365 and Power Platform <u>trust</u> documentation provides comprehensive information about customer data locations, and compliance with global, regional, and industry-specific requirements for managing data.

### Field Service Copilot Feature Timeline\*



December 2023

<sup>\*</sup>Important! Some of the functionality described in this Timeline has not been released. Delivery timelines may change and projected functionality may not be released.

<sup>\*\*</sup>Requires the "Microsoft 365 Copilot license".

## Next steps

assess and show business value. For example, customers have turned on the Work Order Summary and Work Order creation from Outlook today.

For preview features these should be enabled in non-production environments.

Partner With US: We are investing significantly in the upcoming months on more Copilot features. We want to work closely with our customers to help to shape these features.

+

## THANK YOU

Provide feedback on feature enhancements or new ideas <a href="Ideas List">Ideas List (dynamics.com)</a>

Provide your feedback directly to us anonymously