

Connected field service





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- Concerns and considerations
- Intelligent planning
- Empowered agents and technicians
- Technology unification
- Adaptable implementation
- Next steps

Do your current
business applications
enable the best field
services practices?





The world's connected AI business cloud



Dynamics 365 & Power Platform

Supporting connected field service



Key considerations for delivering connected field service



Do your systems improve technician efficiency and enable monetizing new business models?



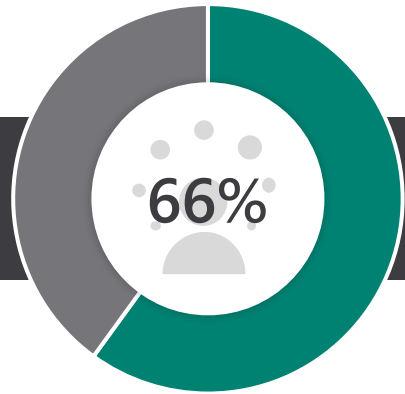
Are the technologies you're using today supporting your business needs?



How are you using analytics to predict issues and proactively provide solutions?



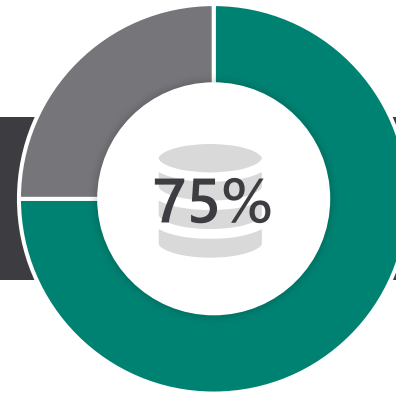
Business concerns



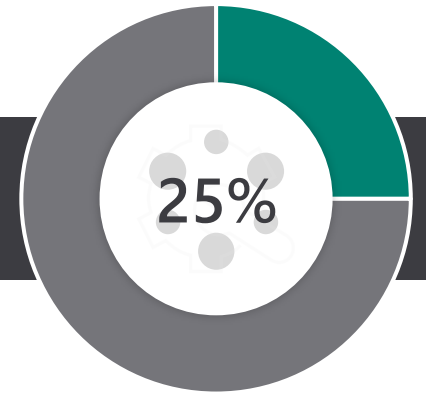
Organizations with budgets earmarked for proactive support technologies in 2018/19¹



Cost for every time a service company dispatches a truck²



Field service organizations that provide technicians with mobile apps³

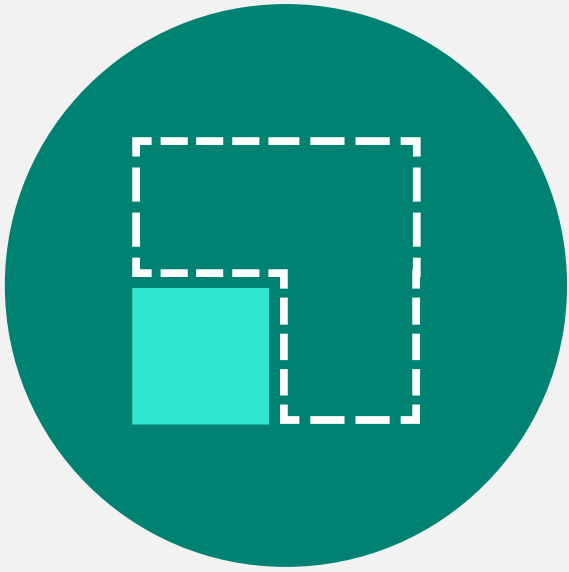


Average productivity increase through connected field service⁴

1. 2017 TSIA report on field service spending
2. MSDynamicsWorld

3. Gartner Field Service Report 2017
4. Gartner Field Service Survey

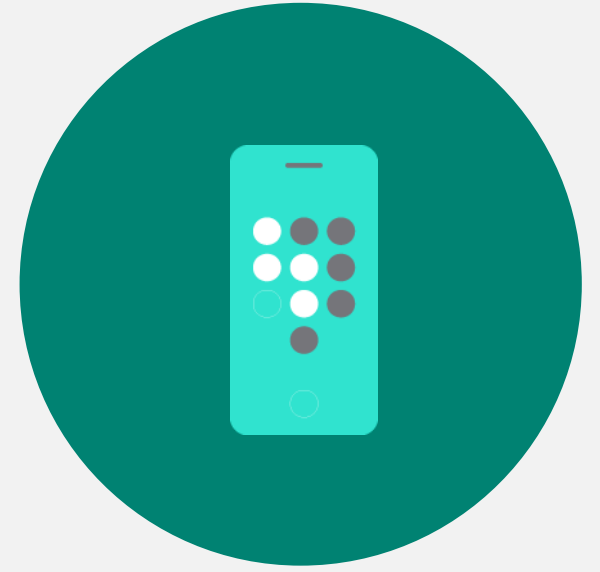
Typical functional concerns



Reactive, break-fix
business models and
inability to scale

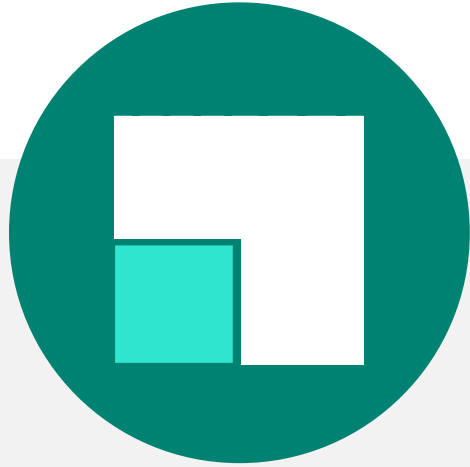


Outdated/siloed systems
causing inefficiencies

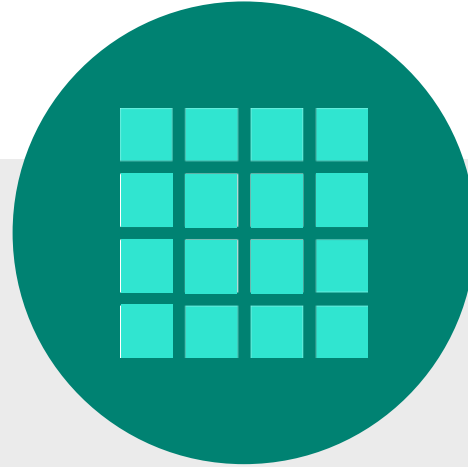


Poor technician
enablement due to lack of
mobile capabilities

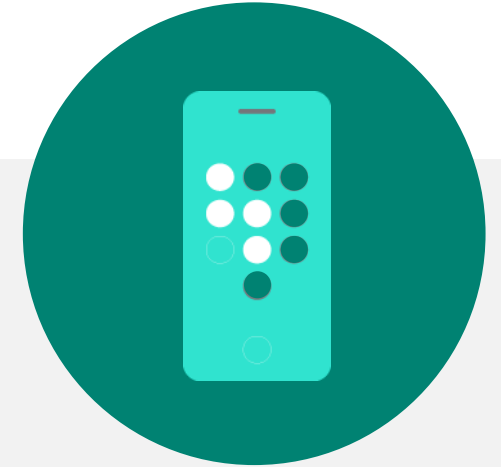
The changing landscape



Increased use of
proactive support
models



Real-time insights and
troubleshooting through
augmented reality
capabilities



Predictive maintenance
driven by data analytics,
ensuring proactive
customer engagement

Product complexity and increasing customer demands have surpassed
existing technology stack abilities to support operations¹

¹ [TSIA 2019](#)

A focused approach to connected field service



Intelligent planning

- Effectively plan and manage customer demands across all channels
- Efficiently manage service agreements and preventive maintenance



Empowered agents and technicians

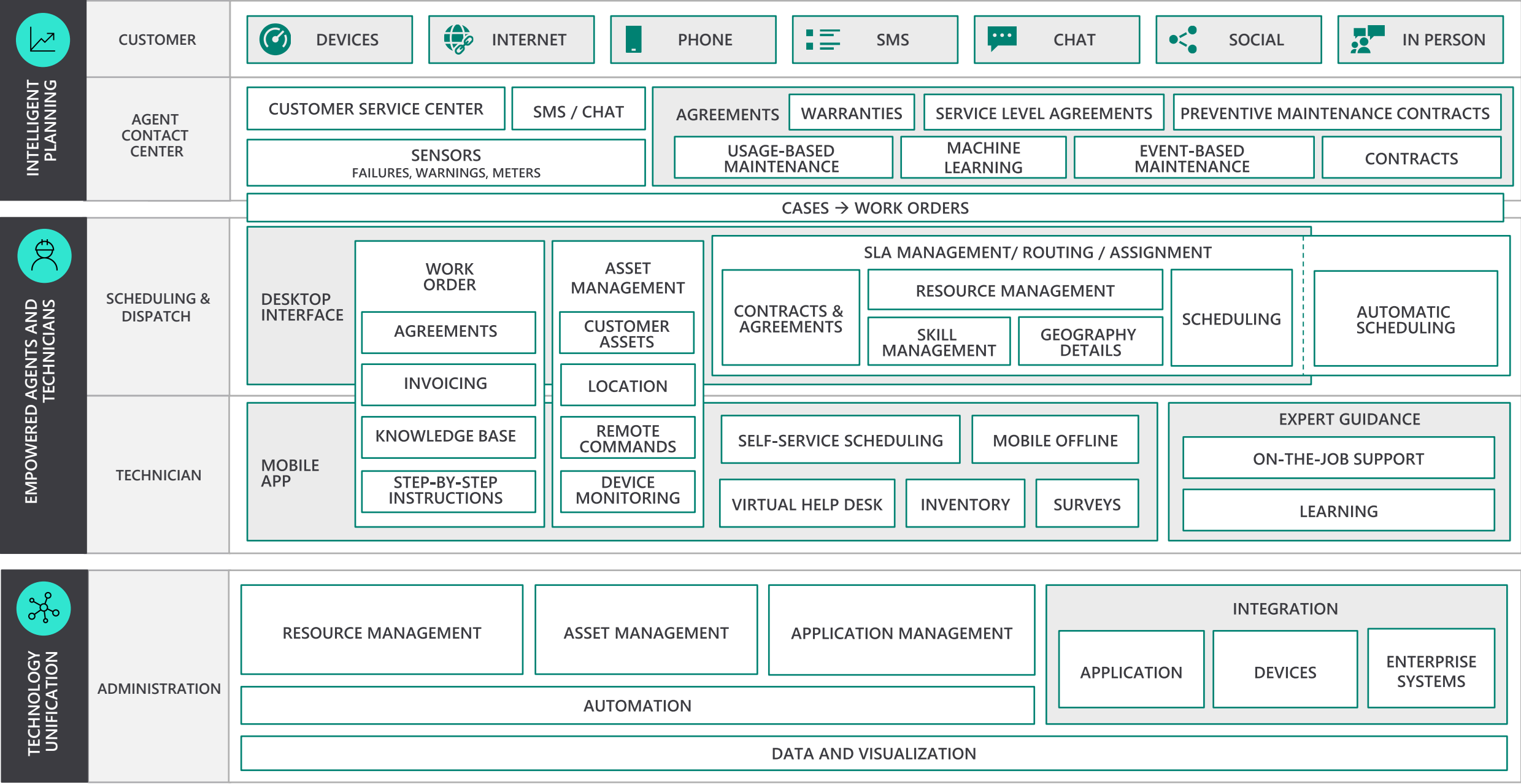
- Empower agents and technicians with tools to manage and solve cases
- Assist customers virtually with elevated training and guidance



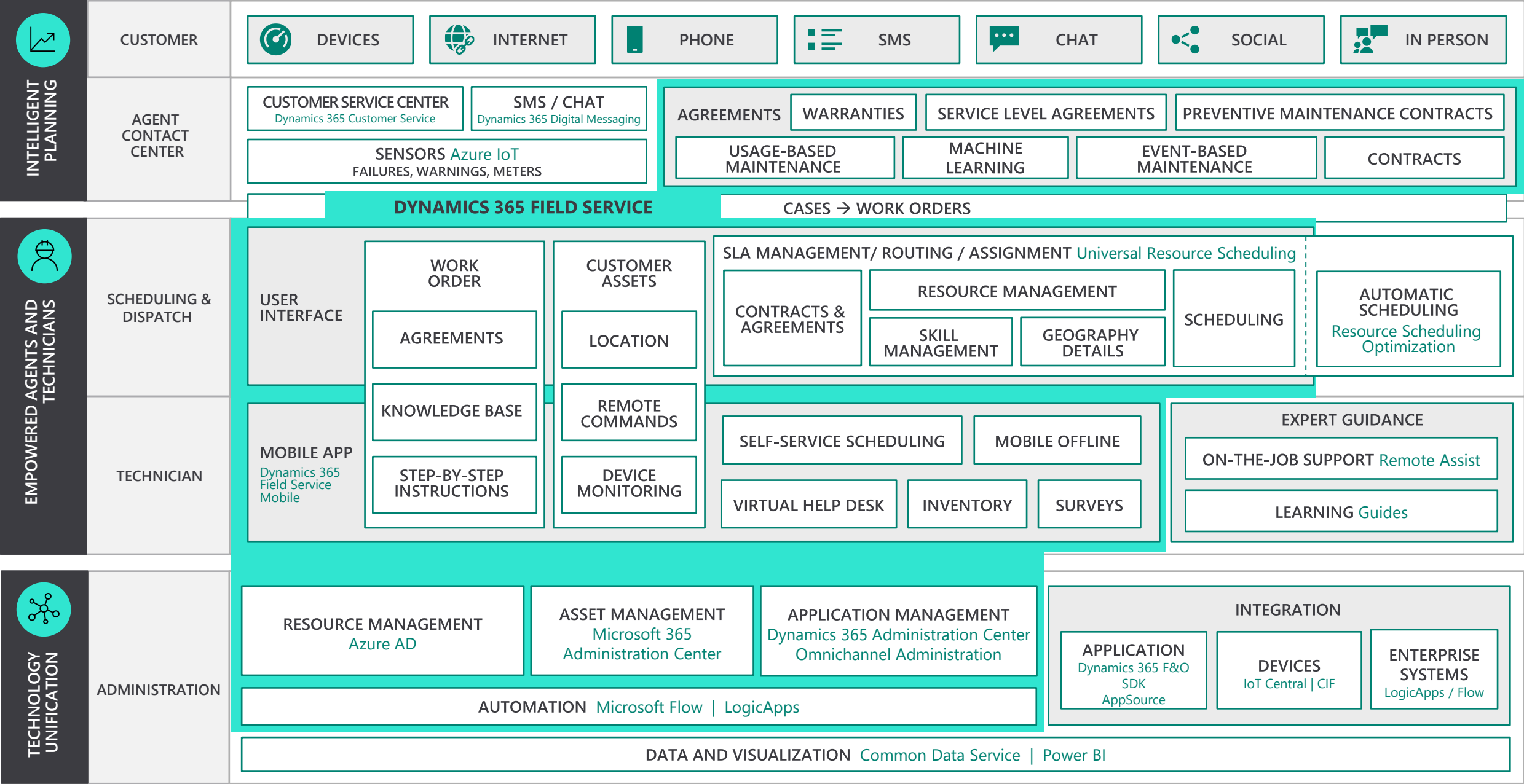
Technology unification

- Integrate and unify data, systems and apps to automate and manage complex business processes
- Gain real-time insights and visualization

Functions enabling connected field service



Microsoft ecosystem supporting connected field service



Dynamics 365 provides the foundation to optimize field service



Intelligent planning

Multichannel customer engagement

Service agreements and preventive maintenance

Predictive maintenance enabled by Internet of Things (IoT)

Proactive field service driven by machine learning



Empowered agents and technicians

Right people at the right time

Effective resource, asset, and inventory management

Active remote support of field technicians

Expert guidance and technician training plus enablement



Technology unification

Enhanced productivity with unified data, advanced reporting, custom analytics, and data visualization

Solution optimization through integration and automation

Customized client support and channel integration



Intelligent planning

- Multichannel customer engagement
- Service agreements and preventive maintenance
- Predictive maintenance enabled by IoT
- Proactive field service driven by machine learning



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PLANNING

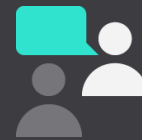
Multichannel customer engagement



Connect with your
customers



Effectively create work
orders



Engage with your
customers



Keep track of all service
interactions



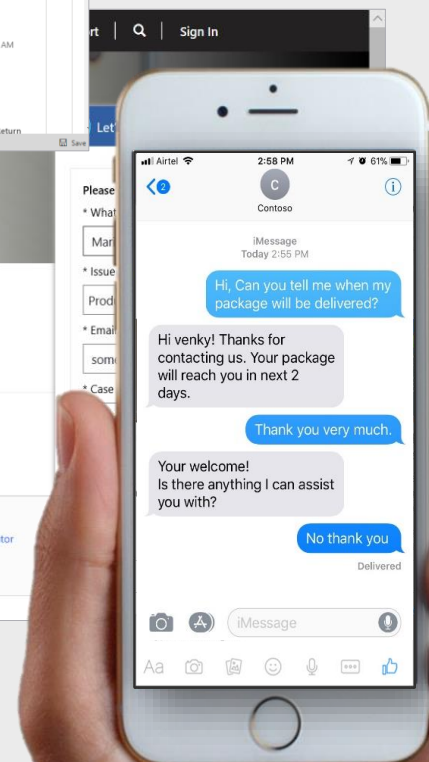
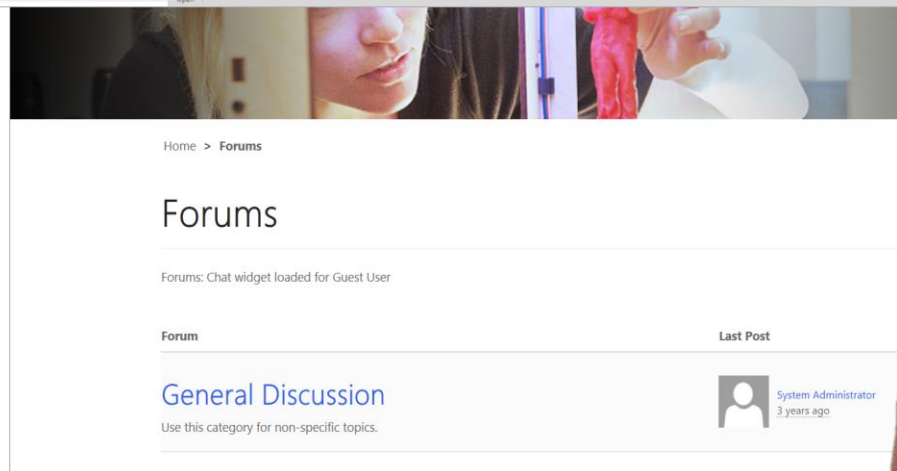
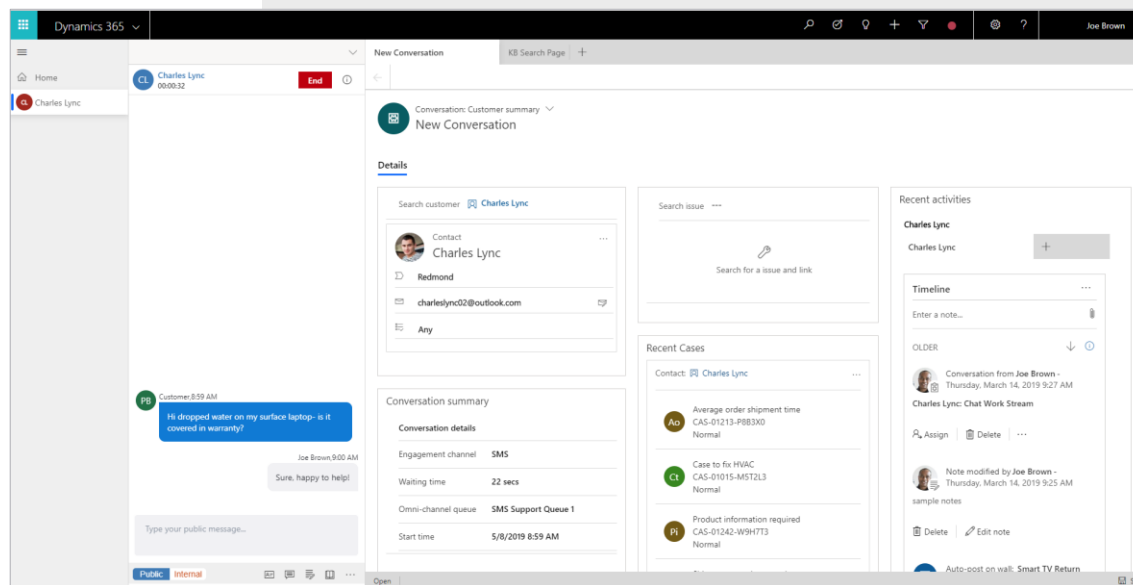
INTELLIGENT PLANNING

Multichannel customer engagement



Connect with customers

- Use multiple channels, like chat in Dynamics 365 and SMS, for contextual engagement with customers
- Deploy the chat widget to enable technicians and agents to connect with customers
- Automatically identify and load customer and work details





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PLANNING

Multichannel customer engagement



Effectively create work orders

- Create different work orders types, specify customized work order sub status, and add/set priorities
- Pre-define work order types to specify the various types of service jobs that can be performed within an order
- Maintain detailed record of work order timeline to enable customized customer engagement

Work Order: Work Order 00172

Work Order Business Pro...
Active for less than one mi...

Work Order (< 1 Min)

Schedule Work Order

Summary

Settings

Products

Services

Service Tasks

Address

Location

Record Log

Related

GENERAL

Work Order Number * 00172

Service Account * Contoso Pharma Integration

Billing Account Contoso Pharma Integration

System Status * Open - Unscheduled

Substatus * ---

Work Order Type * Install or replace

Price List * Products and Packaged Ser...

Work Order Summary ---

SLA ---

Timeline

Enter a note...

No records to show.

PRIMARY INCIDENT

Primary Incident Type * Install IoT

Primary Incident Description ---

Primary Incident Estimated Duration 1 hour

Primary Incident Customer Asset ---

IoT Alert ---



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Multichannel customer engagement



Engage with your customers

- Send automated reminders and updates to customers through outbound text and phone capabilities
- Communicate proactively by providing your customers with real-time technician location tracking and automated voice and text appointment reminders
- Dispatch technicians using optimized routes and skills-based assignments and resources
- Send personalized surveys immediately after service calls with Microsoft Forms Pro—included with Dynamics 365 Field Service

Contoso, Ltd. | Opportunities | Support | Field Service | Project Service Automation | Search

Home > Field Service

Field Service

Active Agreements

Agreement Number	Service Account	Start Date	End Date	System Status
00001	Blue Yonder Airlines	8/20/2018	8/19/2019	Active
00002	Blue Yonder Airlines	9/1/2018	8/31/2023	Estimate

Active Invoices

Invoice ID	Name	Status	Status Reason	Amount Due	Total Amount	Due Date	Created On
INV-01000-GTQ914	WO 1	Active	New	\$2,139.83	\$2,139.83	9/7/2018	8/28/2018 1:04 PM

All Customer Assets

Name	Account	Parent
BY Fire Alarm 1a	Blue Yonder Airlines	BY Fire Alarm System 322e
BY Fire Alarm 1c	Blue Yonder Airlines	BY Fire Alarm System 322e
BY Fire Alarm 2a	Blue Yonder Airlines	BY Fire Alarm System 122xD
BY Fire Alarm 2d	Blue Yonder Airlines	BY Fire Alarm System 322e
BY Fire Alarm System 122xD	Blue Yonder Airlines	
BY Fire Alarm System 322e	Blue Yonder Airlines	

Active Work Orders

Work Order Number	Primary Incident Description	Created On	Time Window Start	Closed On
00001		8/27/2018 5:21 PM	8/17/2018 8:09 AM	
00004	Install fire system.	8/27/2018 7:26 PM	8/30/2018 8:09 AM	
00006	Check fire alarm batteries across system.	8/27/2018 7:35 PM	8/28/2018 8:09 AM	
00007	Check	8/28/2018	9/3/2018	

Your technician, David is on the way. Estimated arrival time 10:45a.



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Multichannel customer engagement



Keep track of all service interactions

- Enable customers to open and track work order status, invoices, agreements, and assets
- Grant customer access to a knowledge base within the self-service portal to self-diagnose issues
- Empower customers to view and track work order data in real time
- Use a single portal to display content in multiple languages

The image displays two overlapping screenshots of the Contoso, Ltd. self-service portal. The top screenshot shows the 'Invoices' section, which includes a table of active invoices. The bottom screenshot shows the 'Work Orders' section, which includes a table of active work orders. Both sections have a search bar and a 'Request' button.

Invoices Section:

Invoice ID	Name	Status	Status Reason	Amount Due	Total Amount	Due Date	Created On
INV-01002-K3Y0Q5	Building Invoice	Active	New	\$0.00	\$0.00		3/6/2017 2:32 PM
INV-01003-W4X9700	INV #13017	Active	New	\$1,350.00	\$0.00		3/6/2017 3:39 PM

Work Orders Section:

Work Order Number	Primary Incident Description	Created On	Time Window Start	Closed On	System Status	Work Location
00009		2/27/2017 1:34 PM			Open - Unscheduled	On Site
00010		2/27/2017 1:44 PM			Open - Unscheduled	On Site
00011		2/27/2017 5:45 PM			Open - Unscheduled	On Site



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Service agreements and preventive maintenance



Generate preventive
work orders



INTELLIGENT
PLANNING

Agreements and preventive maintenance



Generate preventive work orders

- Track, manage, and monitor the maintenance needs of an asset based on the manufacturer's recommendations
- Set up customer agreements so you can automatically generate work orders and invoices based on future need
- Use machine learning models to enable preventive maintenance based on EAM data

Dynamics 365 | Field Service | Agreements > New Agreement

SAVE | SAVE & CLOSE | NEW | FLOW | FORM EDITOR

AGREEMENT | New Agreement

Agreement Number* 00005 | Service Account* Coho Winery (sample) | Owner* Admin #

Agreement (Active) | Agreement Booking Setup | Agreement Status | Agreement Invoice Setup | Activate Agreement

Dynamics 365 | Field Service | Agreements > 00005

+ NEW | DEACTIVATE | DELETE | COPY AGREEMENT | PROCESS | ASSIGN | SHARE | SHARE SECURED FIELDS | EMAIL A LINK

AGREEMENT | 00005

Agreement Number* 00005 | Service Account* Coho Winery (sample) | Owner* Admin #

General

SUMMARY

Agreement Number | Service Account | Billing Account | System Status | Sub-Status | Description

Agreement (Active)

* Service Account Coho Winery (sample)
* Billing Account Coho Winery (sample)
* Start Date 7/19/2019

General

SUMMARY

Agreement Number 00005
Service Account Coho Winery (sample)
Billing Account Coho Winery (sample)
System Status Estimate
Sub-Status
Description

ACTIVITIES

All | Add Phone Call

Coho Winery (sample)
Thermostat port malfunction
Due Date 7/19/2019 8:00 AM
Completed by Admin #
Today

NOTES

BOOKING SETUP

Name	Agreement
Routine Maintenance	00005

INVOICE SETUP

Name	Agreement
Routine Maintenance	00005



INTELLIGENT
PLANNING

Predictive maintenance enabled by IoT



Gain insights to
react quickly



Use IoT Central to
set alert rules



Increase
efficiency with
Azure IoT Hub



Monitor devices
remotely



Automate
maintenance



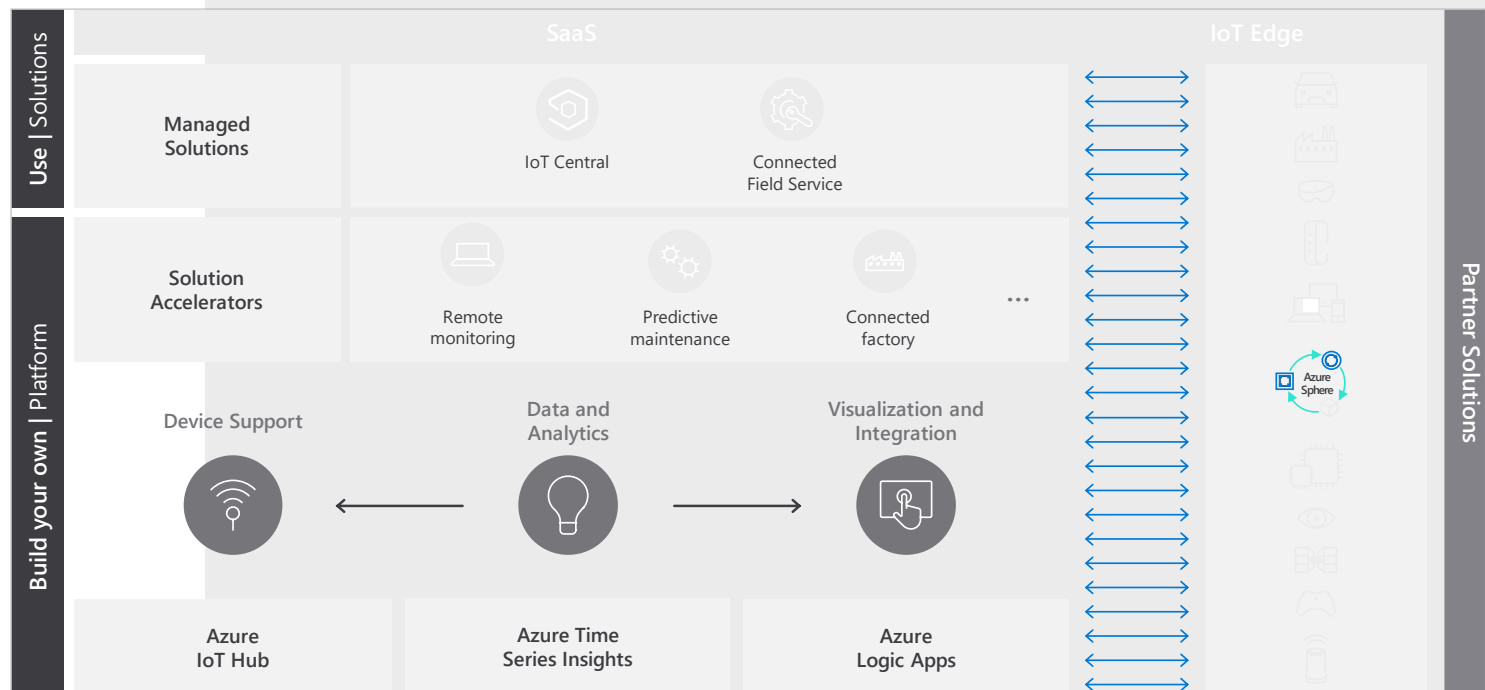
INTELLIGENT PLANNING

Predictive maintenance enabled by IoT



Gain insights to react quickly

- Enable real-time telemetry and interact with your customers' field environment
- Effectively integrate and support a wide array of Microsoft and third-party managed IoT devices
- Gain greater scale and efficiency
- Analyze and act on new data
- Integrate and transform business processes





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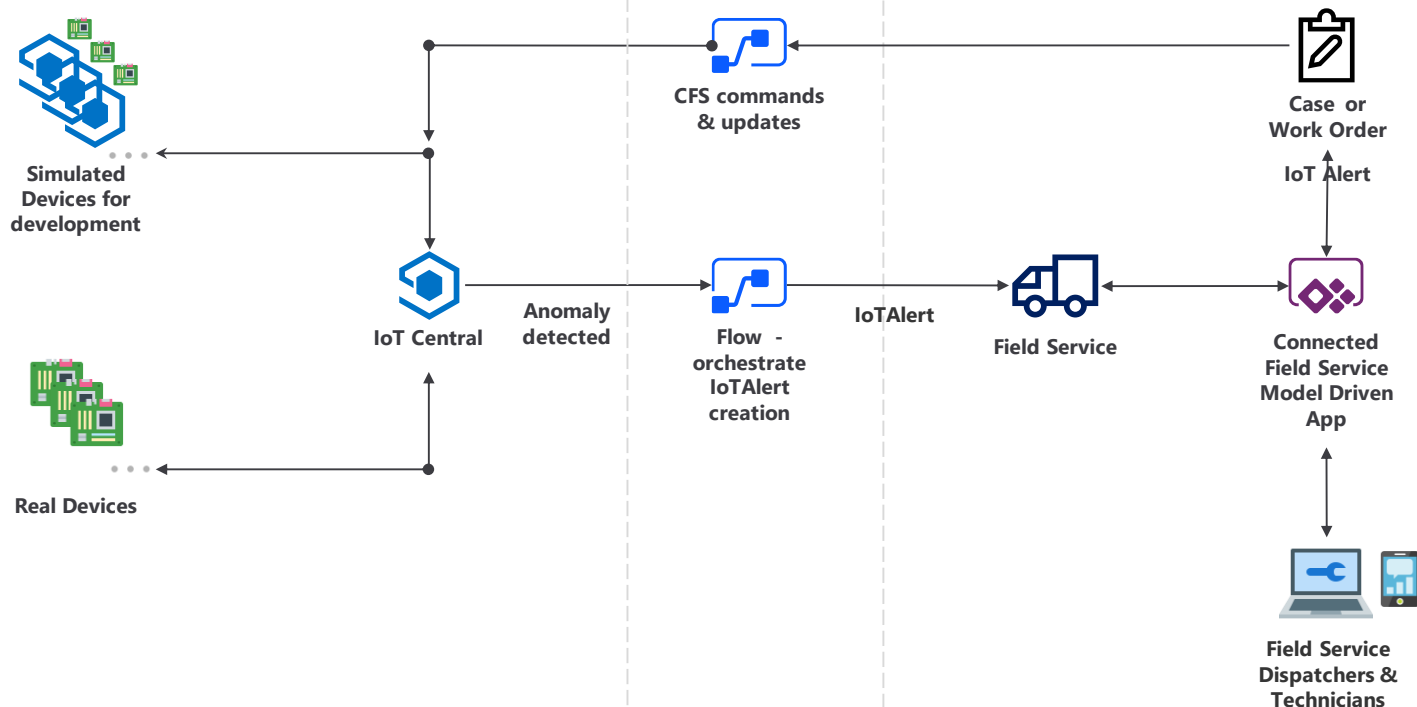
Predictive maintenance
enabled by IoT



Use IoT Central to set alert rules

- Take advantage of a fully managed SaaS solution with Azure IoT Central
- Get started quickly with minimal IoT experience required

Connected Field Service with Azure IoT Central





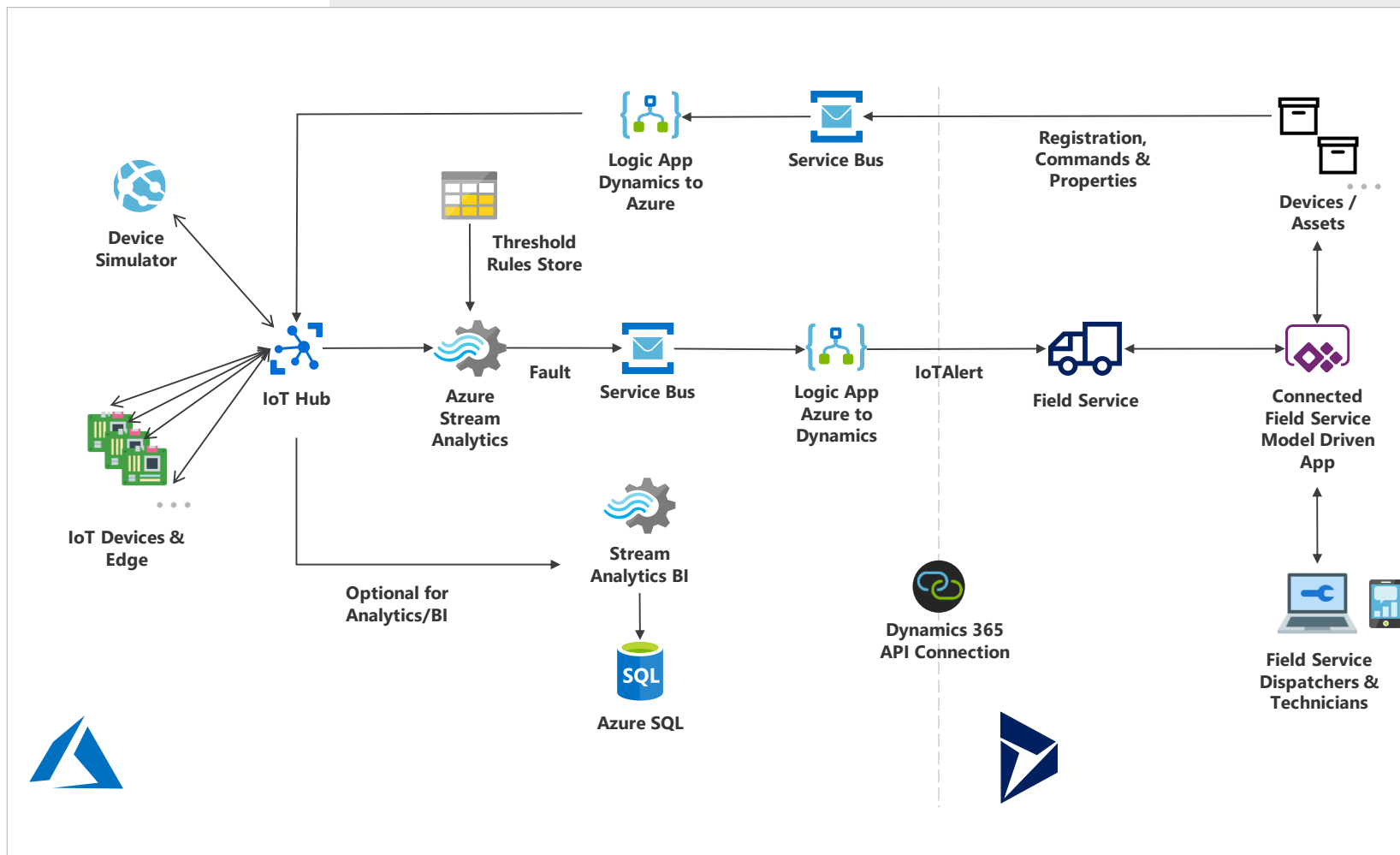
INTELLIGENT PLANNING

Predictive maintenance enabled by IoT



Increase efficiency with Azure IoT Hub

- Azure IoT Hub enables businesses to connect, monitor, and manage billions of IoT assets
- Take advantage of an open, flexible cloud PaaS that supports open-source SDKs and multiple protocols





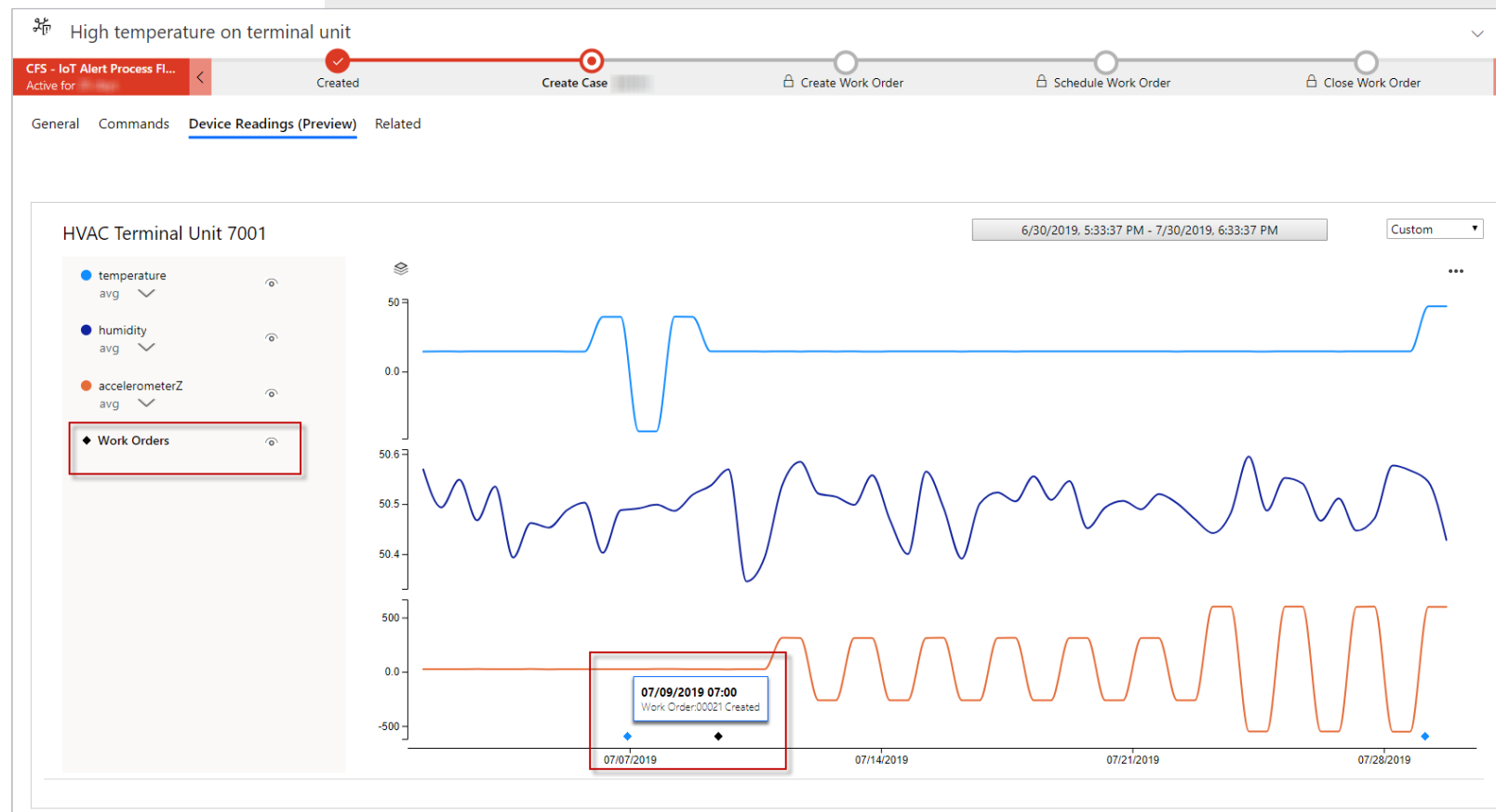
INTELLIGENT PLANNING

Predictive maintenance enabled by IoT



Monitor devices remotely

- Using the field service module, see and solve issues before clients are aware of them
- Reduce the number of service calls you receive by identifying and resolving issues before they occur
- With device telemetry and service maintenance data, make intelligent decisions around dispatching technicians with the right expertise, availability, and proximity to the job
- Create rules and configure Microsoft Flow to integrate IoT-connected devices with an active alert system to receive updates on specific device activity





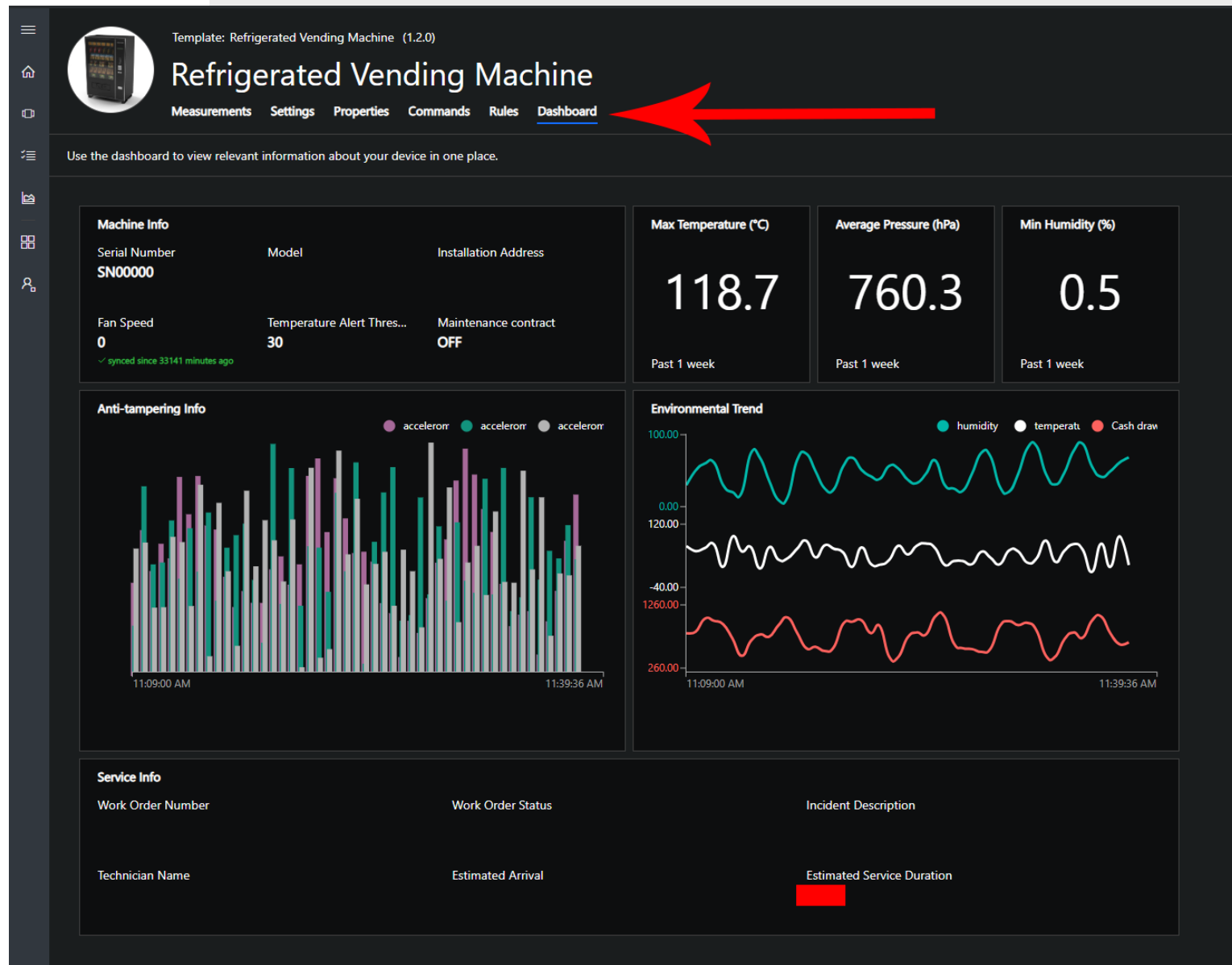
INTELLIGENT PLANNING

Predictive maintenance enabled by IoT



Automate maintenance

- Predict when a device needs attention and automate self-healing or maintenance steps before any kind of problem
- Use the remote monitoring dashboard to view telemetry from your connected devices, provision new ones, or upgrade firmware
- Visualize simulated devices on a map and respond to alerts
- View product usage, issues, and repair history from a central portal to diagnose problems and deliver predictive maintenance
- Get instant notifications and alerts about device health to automate the service-request generation process using predefined rules





INTELLIGENT
PLANNING

Proactive field service driven by machine learning



Optimize resource
management



Improve customer service
delivery capabilities



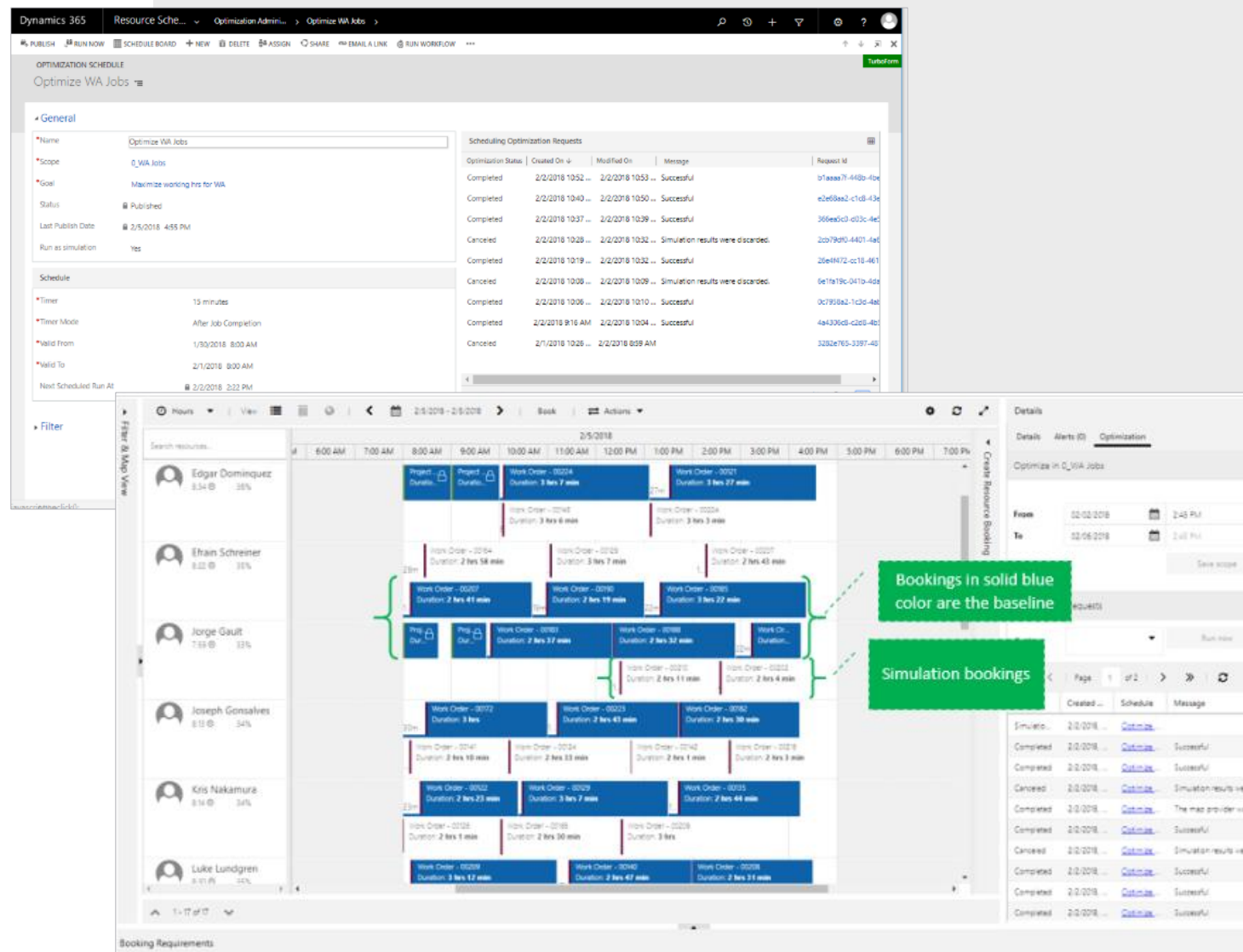
INTELLIGENT
PLANNING

Proactive field service driven by machine learning



Optimize resource management

- Optimize resource assignments using multiple factors, such as a technician's experience in handling the specific failure, the customer's preferred technician, or proximity to the site
- Automatically assign the work order to the best available personnel
- Create the most efficient travel path for technicians, optimizing their schedules and allowing them to perform additional calls per day
- Using real-time inventory management, ensure that the replacement part is available on the scheduled date and that the technician has access to the tools needed to complete the job





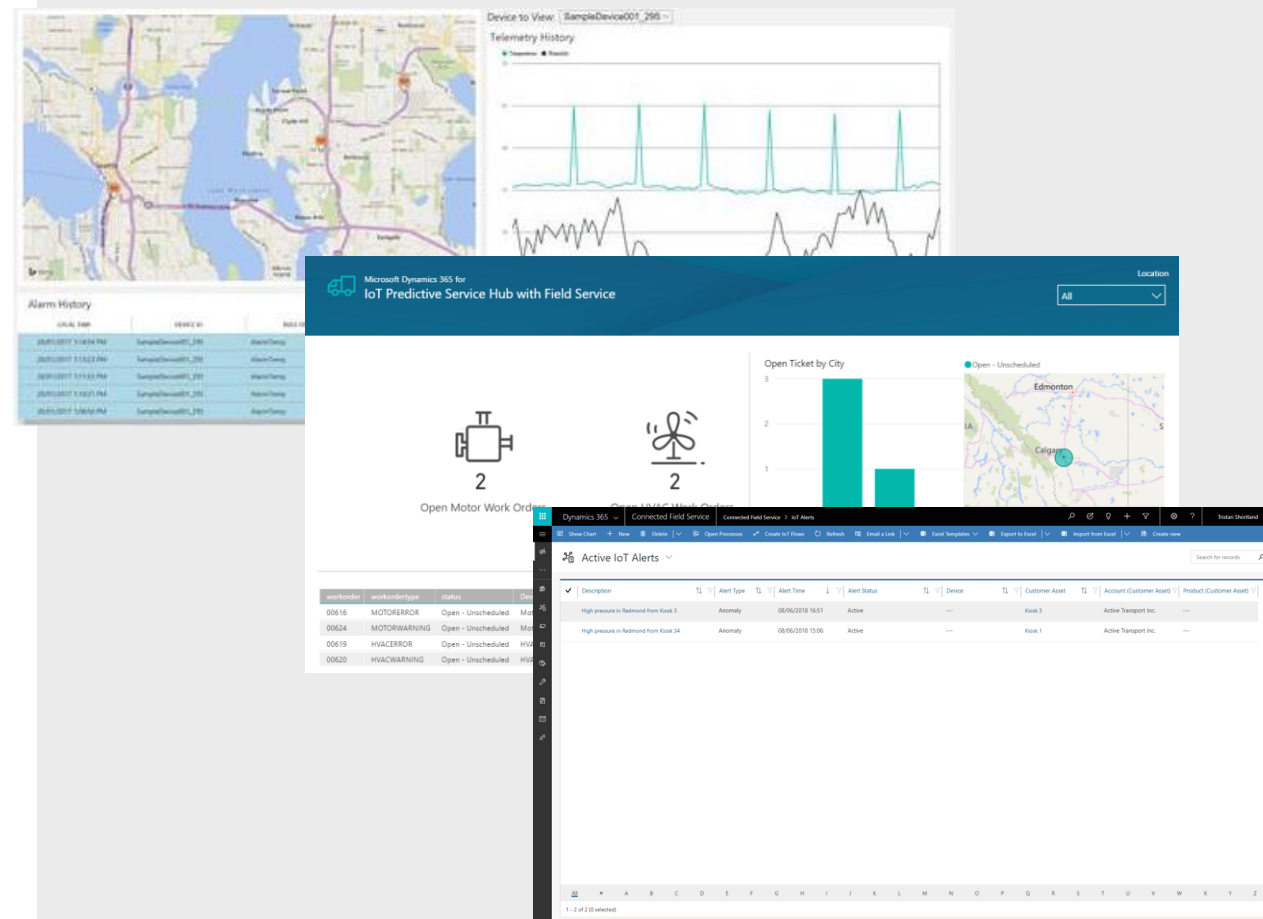
INTELLIGENT PLANNING

Proactive field service driven by machine learning



Improve customer service delivery capabilities

- Allow for automated, remote self-healing and predictive forecasting, monitoring, and analyzing connected devices for potential issues
- Using historical device data and predictive analytics, get system recommendations for scheduling technician site visits, heading off future problems and notifying the customer of the work order
- Using recommendations from the system, enable technicians to discuss additional products and services during site visits that meet their customers' specific usage and operating needs



A focused approach to connected field service



Intelligent planning

- Effectively plan and manage customer demands across all channels
- Efficiently manage service agreements and preventive maintenance



Empowered agents and technicians

- Empower agents and technicians with tools to manage and solve cases
- Assist customers virtually with elevated training and guidance



Technology unification

- Integrate and unify data, systems and apps to automate and manage complex business processes
- Gain real-time insights and visualization



Empowered agents and technicians

- Right people at the right time
- Effective asset and inventory management
- Active remote support of field technicians
- Expert guidance and technician training plus enablement



EMPOWERED AGENTS
AND TECHNICIANS

Right people at the right time



Enable smart
scheduling and routing



Automate and
improve scheduling



EMPOWERED AGENTS AND TECHNICIANS

Right people at the right time



Enable smart scheduling and routing

- Assign resources to jobs and tasks based on location and need
- Ensure the right resources are assigned to customers at the right time and optimize resources to fit in the most appointments per day
- Schedule work orders for the most appropriate resources by optimizing bookings for the shortest travel time, available work hours, and more

The screenshot displays a comprehensive scheduling and routing software interface. On the left, a map view shows a geographical area with various locations marked. In the center, a list of resources (agents and technicians) is shown, including names like Brady Hanson, Jeff Marsalis, Jorge Gault, Ricardo Seely, Simon Riley, Van Amundson, and Victor Timm, each with a status indicator. To the right, a booking calendar for January 30, 2017, shows a grid of time slots with work orders assigned to specific resources. Below the calendar, there are several configuration panels:

- BOOKABLE RESOURCE New Bookable Resource:** A panel with tabs for General, Project Service, and Field Service. The General tab is active, showing fields for Resource Type (User), User (Field Technician), Name (Field Technician), and Time Zone (GMT) Coordi.
- BOOKABLE RESOURCE Field Technician:** A panel with tabs for General, Project Service, Field Service, Scheduling, and Related. The Field Service tab is active, showing fields for Hourly Rate (\$60.00) and Warehouse (Main).
- BOOKABLE RESOURCE Field Technician:** A panel with tabs for General, Project Service, Field Service, Scheduling, and Related. The Scheduling tab is active, showing fields for Start Location, End Location, Latitude, and Longitude, as well as a section for Scheduling with options for Display On Schedule Board (Yes) and Enable for Availability Search (Yes).



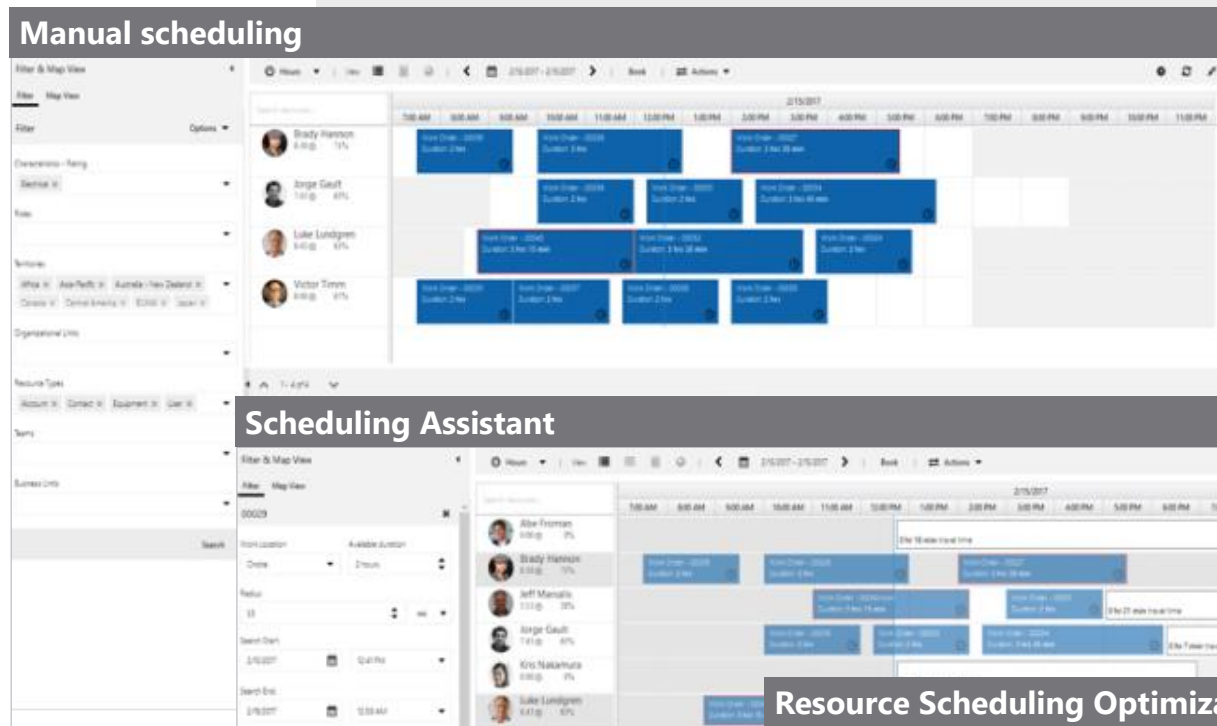
EMPOWERED AGENTS AND TECHNICIANS

Right people at the right time

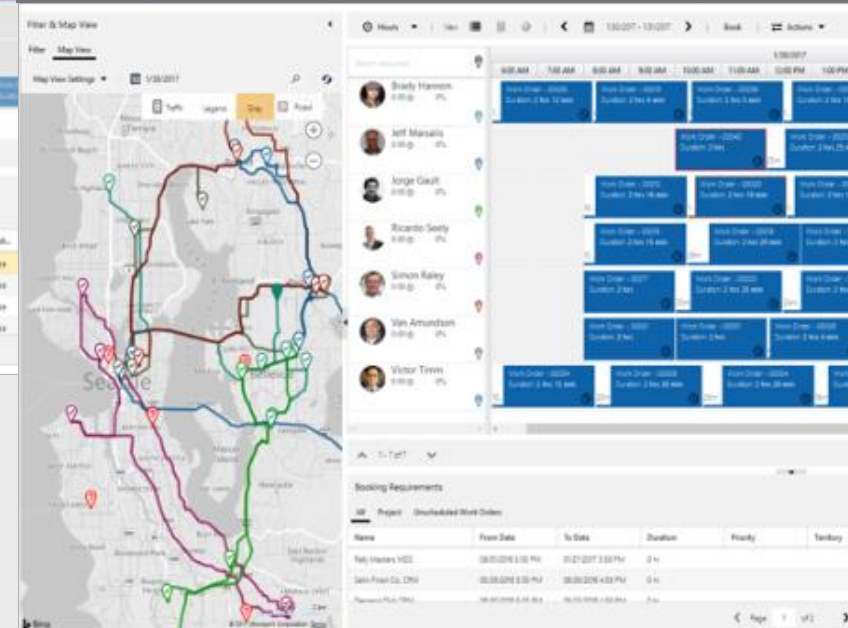


Automate and improve scheduling

- With Dynamics 365 Field Service, support the degree of automated scheduling automation that fits your needs
- Enhance manual scheduling using the schedule board to select requirements and create bookings
- Through the Schedule Assistant tool, take advantage of a semi-automated approach using available recommendations and most appropriate resources
- Using Resource Scheduling Optimization (RSO), automate the scheduling of your workforce, setting objectives such as “minimize travel time” and “maximize working hours”



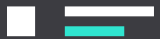
Resource Scheduling Optimization (RSO)





EMPOWERED AGENTS
AND TECHNICIANS

Effective asset and inventory management



Asset and inventory
management



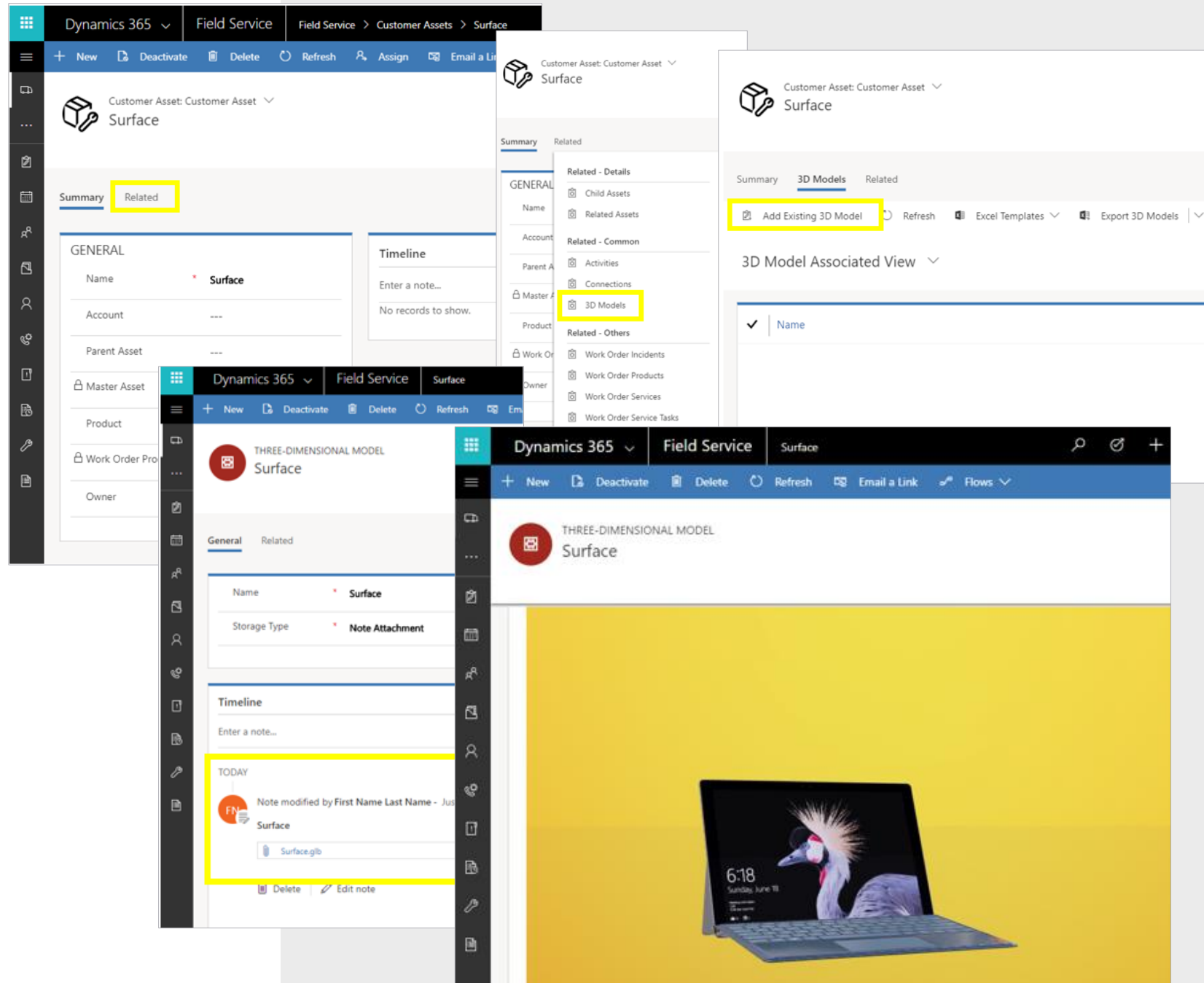
EMPOWERED AGENTS AND TECHNICIANS

Effective asset and inventory management



Asset management

- Upload 3D knowledge articles and models of assets for field technicians to reference in the field
- Review work order history per asset using IoT device information
- Access multi-layer device hierarchy with links to product catalog for product trends





EMPOWERED AGENTS AND TECHNICIANS

Effective asset and inventory management



Inventory management

- Accurately track service stock at mobile and fixed locations, including available, on hand, on order, and allocated inventory
- Manage updates and stock history for any location, including truck stock
- Manage inventory information for transactions including requests, return material authorizations (RMA), a return to vendor (RTV), stock adjustments, or transfers
- Use the ship-via option to specify different shipping methods used by your company

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EMPOWERED AGENTS
AND TECHNICIANS

Active remote support of field technicians



Deploy the Field
Service mobile app



Solve problems faster
the first time



EMPOWERED AGENTS AND TECHNICIANS

Active remote support of
field technicians



Deploy the Field Service mobile app

- Give field technicians the information they need to get to a customer location and complete work orders quickly
- Effectively capture and update all work order details through full offline capabilities
- Customize the app to function as barcode scanner, RFID, and credit card reader
- Use GPS functionality to help schedule work orders to the closest available field technician, calculating arrival times to customer locations, and geofencing
- Take pictures of completed work for attaching to invoices, helping with resolution tracking, or training purposes in the future

The screenshot shows the 'Field Service Mobile' app interface on a desktop. The top navigation bar includes a back arrow, the title 'Field Service Mobile', and icons for menu, add, and search. Below the bar, there's a 'Bookings' section with a dropdown arrow. The main content area is titled 'Work Order' and displays details for a specific booking. On the left, there's an 'AGENDA' section showing a calendar view for April 2019, with a specific entry for 9:29 AM at 'Contoso Pharma I'.

Booking	
Name	00172
Work Order	00172
Booking Status	Traveling
Start Time	In Progress
Actual Arrival Time	On Break
End Time	Scheduled
Duration	Simulation -
Miles Traveled	
Actual Travel Duration	Traveling
Total Cost	
Resource	Allen Contoso
Currency	US Dollar

Below the details, there's a 'Summary' section with fields for 'Work Order Number' (00172) and 'Total Cost'.

The screenshot shows the 'Field Service Mobile' app interface on a mobile device. The top navigation bar includes a back arrow, the title 'Field Service Mobile', and icons for menu, add, and search. Below the bar, there's a 'Summary' section for 'ArmBand 100'. The details include 'Product' (ArmBand 100), 'Name' (ArmBand 100), 'Barcode' (highlighted with a red box), 'Account' (Contoso Pharma...), 'Parent Asset' (Click To Select), and 'Name' (ArmBand 100). Below this, there's a 'Customer Assets' section with a plus icon and the text 'No related items'. At the bottom, there's a 'Notes' section with a plus icon and a camera icon.



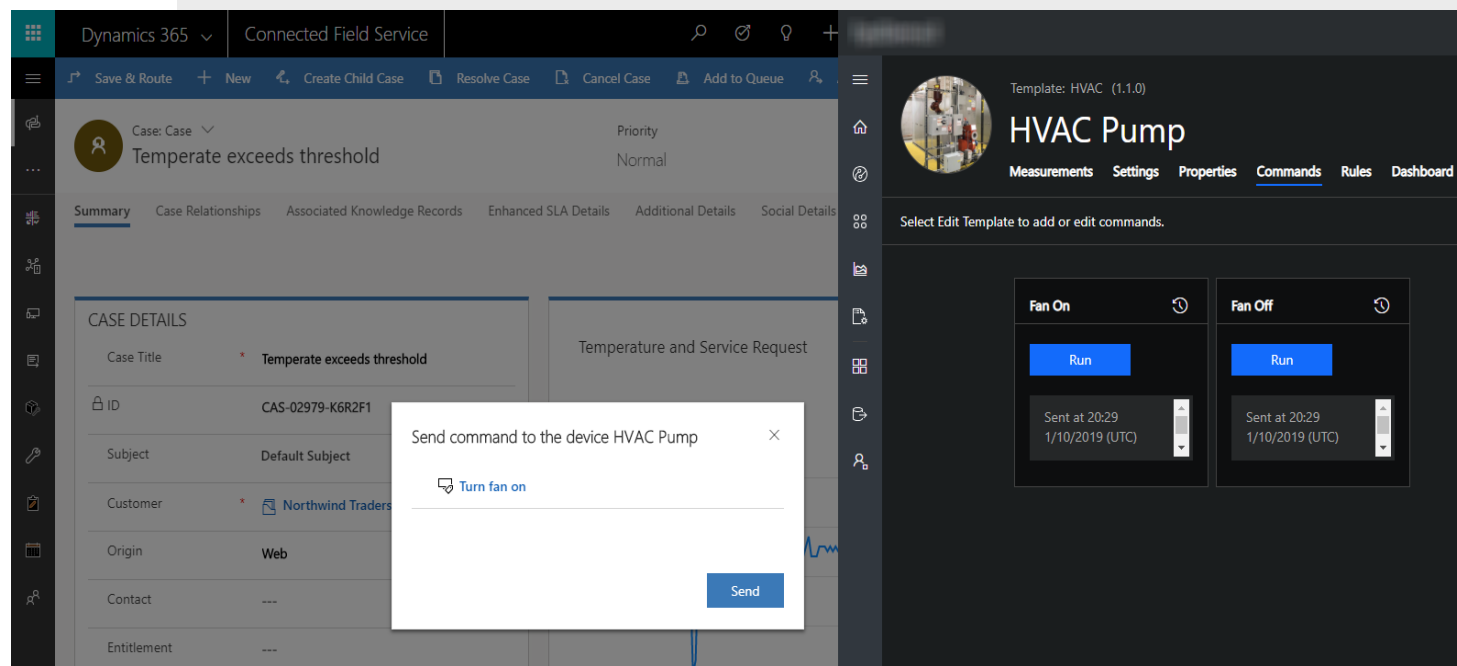
EMPOWERED AGENTS AND TECHNICIANS

Active remote support of field technicians



Solve problems faster the first time

- Remotely assist and engage with customers from virtually anywhere in the world using Remote Assist and Microsoft Teams in either HoloLens or an Android mobile device
- With heads-up, hands-free video calling on HoloLens, first-line workers can collaborate with remote experts on PC or mobile to troubleshoot issues in context
- Virtualize the customer perspective to provide detailed guidance on complex systems
- Enable field service technicians to monitor assets and send commands remotely to assist customers on the spot





EMPOWERED AGENTS
AND TECHNICIANS

Expert guidance and technician training plus enablement



Offer expert guidance
with service using
annotations or files



Integrate training
augmented reality and
artificial intelligence
into training



Provide interactive
environments for
visualizing products



EMPOWERED AGENTS AND TECHNICIANS

Expert guidance and technician
training plus enablement



Offer expert guidance with service using annotations or files

- Enable external access through Microsoft Teams to collaborate with customers from different organizations or domains
- Allow users to make or receive calls from guest contacts with Dynamics 365 Remote Assist on Microsoft HoloLens
- Use edit mode to make annotations within the contact's virtual space from the mixed reality toolbar
- Link files or draw arrows to highlight key areas of focus during the remote session, providing detailed instruction and deep understanding of solutions

Create your team

Collaborate closely with a group of people inside your organization based on project, initiative, or common interest. [Watch a quick overview](#)

Team name

Remote Assist



Description

Using this channel to make Remote Assist calls

Privacy

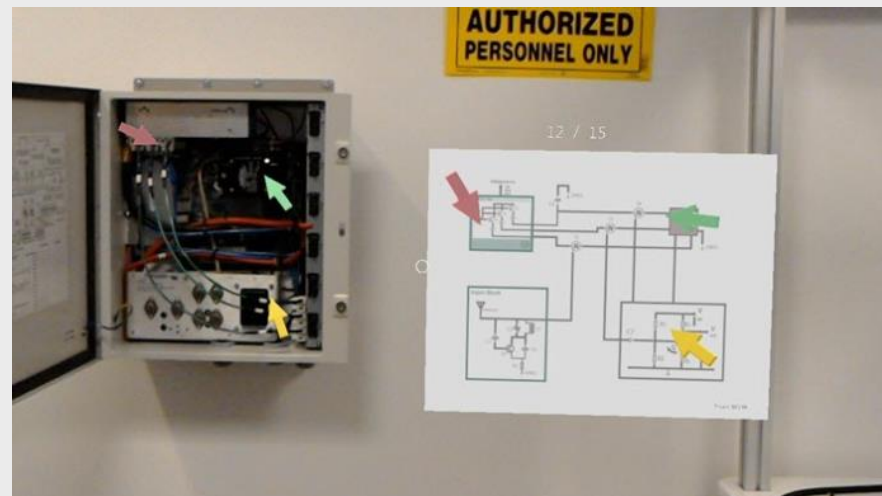
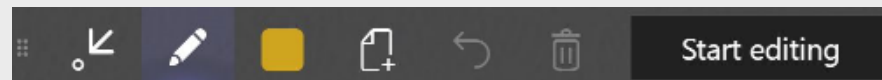
Private - Only team owners can add members



[Create a team using an existing team as a template](#)

Cancel

Next





EMPOWERED AGENTS AND TECHNICIANS

Expert guidance and technician
training plus enablement



Integrate augmented reality and artificial intelligence into training

- Using Dynamics 365 Guides, an augmented reality tool, provide employees with an understanding of how to apply learnings in common scenarios
- Create interactive content through Guides that employees can revisit to gain a deep understanding of core subjects, view 3D models, and get hands-on training
- Provide step-by-step instructions that guarantee quality and consistency of work across the team





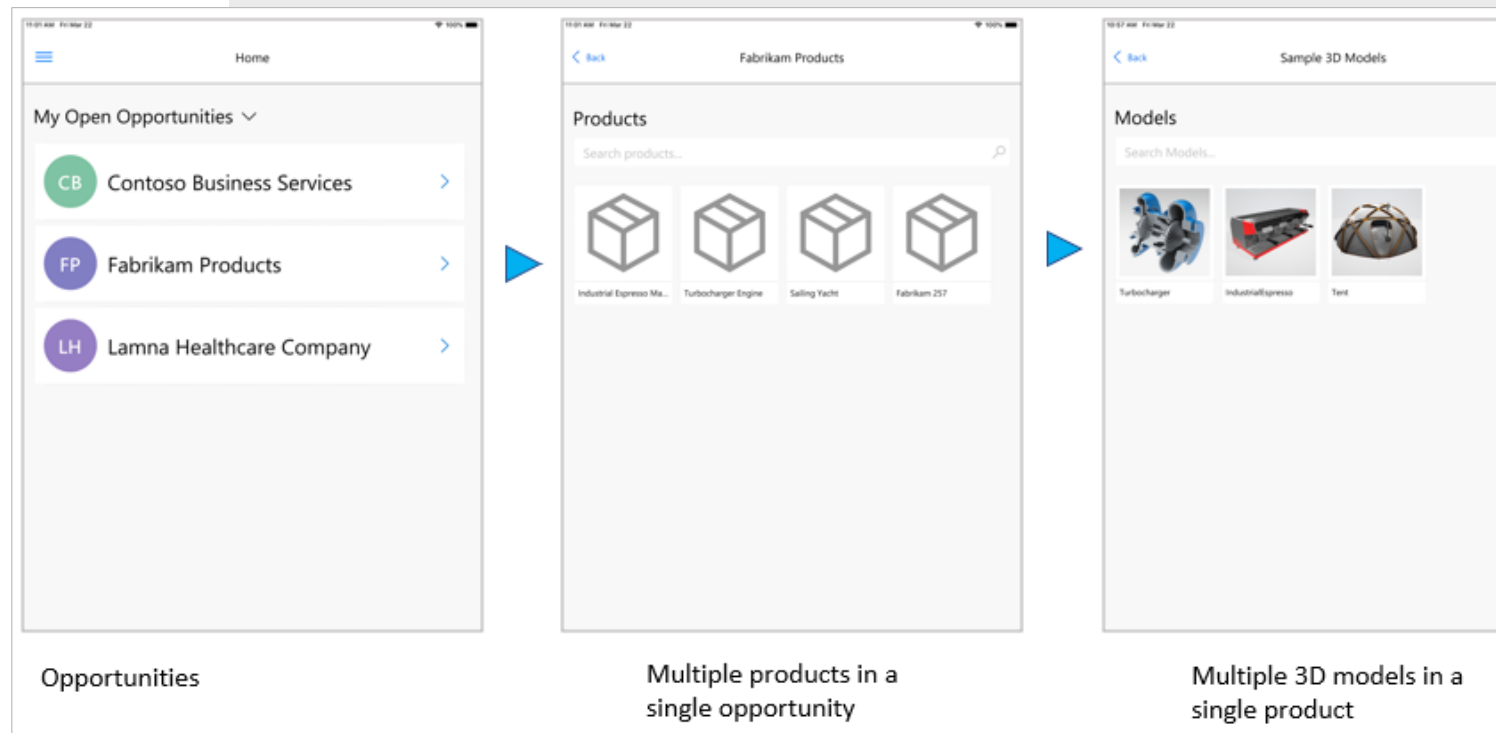
EMPOWERED AGENTS AND TECHNICIANS

Expert guidance and technician
training plus enablement



Provide interactive environments for visualizing products

- Give customers a mixed reality view with Dynamics 365 Product Visualize, which visually represents products in granular detail
- Display 3D models of products to show customers how a product will fit into their environment
- Make notes and adjustments to models in real time while engaging with the customer
- Ensure a confident purchase by addressing the customer's questions or concerns about key components during the mixed reality display



A focused approach to connected field service



Intelligent planning

- Effectively plan and manage customer demands across all channels
- Efficiently manage service agreements and preventive maintenance



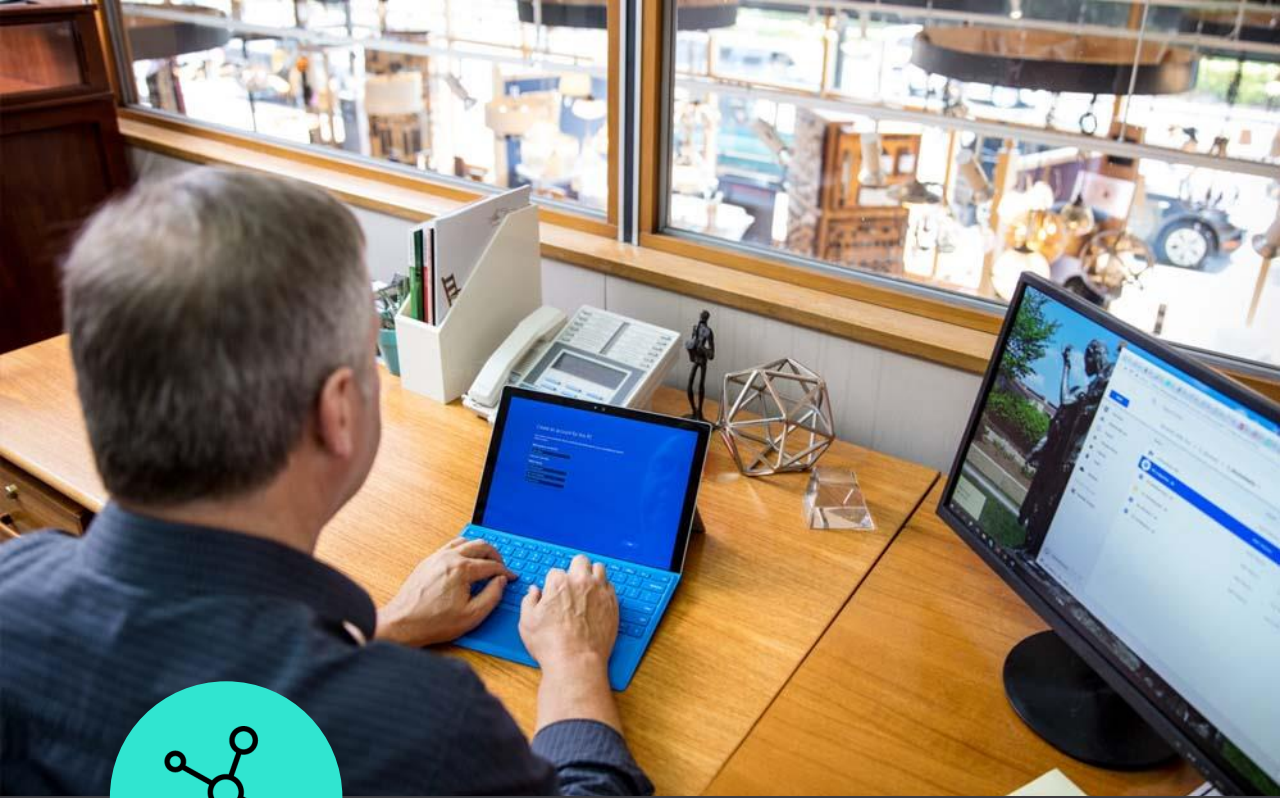
Empowered agents and technicians

- Empower agents and technicians with tools to manage and solve cases
- Assist customers virtually with elevated training and guidance



Technology unification

- Integrate and unify data, systems and apps to automate and manage complex business processes
- Gain real-time insights and visualization



Technology unification

- Enhance productivity with unified data, advanced reporting, custom analytics, and data visualization
- Optimize current solutions with the power of integration and automation
- Support clients on their terms with channel integration



TECHNOLOGY
UNIFICATION

Enhance productivity with unified data, advanced reporting, custom analytics, and data visualization



Unify data with the
Common Data Service



Analyze and visualize data
using Microsoft Power BI



TECHNOLOGY UNIFICATION

Enhance productivity with unified data, advanced reporting, custom analytics, and data visualization



Unify data with the Common Data Service

- Improve ease and accuracy of planning and reporting through a unified source of truth
- Streamline machine learning, and improve reporting and apps using Power Query
- Build rich applications with PowerApps
- Automatically apply business rules and logic already defined in your customer service to your PowerApps
- Get a secure and cloud-based storage option for your data with role-based security to control access

PowerApps				
+ New entity Get data Export data				
Entities				
Entity ↓	Name ↓	Type ↓	Tags ↓	
Account	account	Standard	Master	
Action Approval Model	msdyn_flow_actionapprovalmodel	Custom	Custom	
Address	customeraddress	Standard	Standard	
AI Configuration	msdyn_aiconfiguration	Custom	Custom	
AI Form Processing Document	msdyn_aifptrainingdocument	Custom	Custom	
AI Model	msdyn_aimodel	Custom	Custom	
AI Object Detection Bounding Box	msdyn_aiodtrainingboundingbox	Custom	Custom	
AI Object Detection Image	msdyn_aiodimage	Custom	Custom	
AI Object Detection Image Mapping	msdyn_aiodtrainingimage	Custom	Custom	
AI Object Detection Label	msdyn_aiodlabel	Custom	Custom	
AI Template	msdyn_aitemplate	Custom	Custom	
Analysis Component	msdyn_analysiscomponent	Custom	Custom	
Analysis Job	msdyn_analysisjob	Custom	Custom	
Analysis Result	msdyn_analysisresult	Custom	Custom	
Analysis Result Detail	msdyn_analysisresultdetail	Custom	Custom	
Appointment	appointment	Standard	Productivity	
Approval	msdyn_flow_approval	Custom	Custom	
Approval Request	msdyn_flow_approvalrequest	Custom	Custom	
Approval Response	msdyn_flow_approvalresponse	Custom	Custom	
Attachment	activitymimeattachment	Standard	Productivity	
Await All Action Approval Model	msdyn_flow_awaitallactionapprovalmodel	Custom	Custom	
Await All Approval Model	msdyn_flow_awaitallapprovalmodel	Custom	Custom	
Basic Approval Model Data	msdyn_flow_basicapprovalmodel	Custom	Custom	
Business Unit	businessunit	Standard	Standard	
Component Layer	msdyn_componentlayer	Custom	Custom	
Component Layer Data Source	msdyn_componentlayerdatasource	Custom	Custom	
Connection Setting	msdyn_connectionsetting	Custom	Custom	
Connector	msdyn_connector	Custom	Custom	



TECHNOLOGY UNIFICATION

Enhance productivity with unified data, advanced reporting, custom analytics, and data visualization

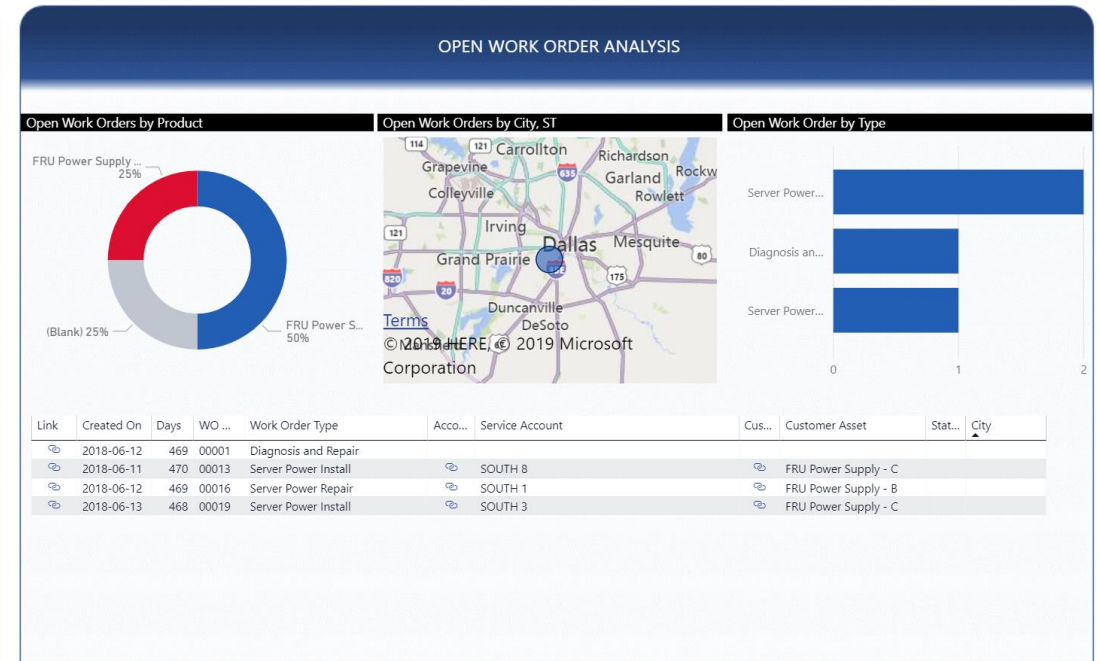
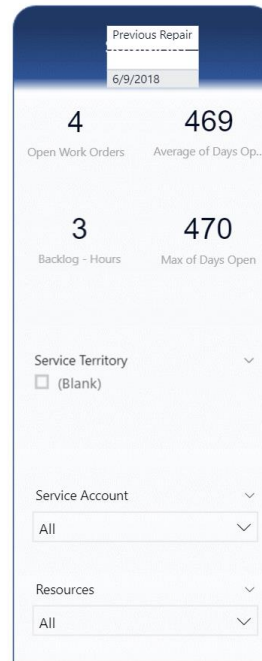


Analyze and visualize data using Microsoft Power BI

- Enable field service managers and dispatchers to analyze and visualize data, drawing useful insights to help with better decisions and corrective actions
- Use templates with pre-built data model, reports, and dashboards
- Take advantage of easy-to-use dashboards, interactive reports, and compelling visualizations



Unscheduled and InProgress Work Orders





TECHNOLOGY
UNIFICATION

Optimize current solutions with the power of integration and automation



Automate business workflows with Microsoft Flow



Collaborate using templates and connectors



Integrate applications via Microsoft AppSource

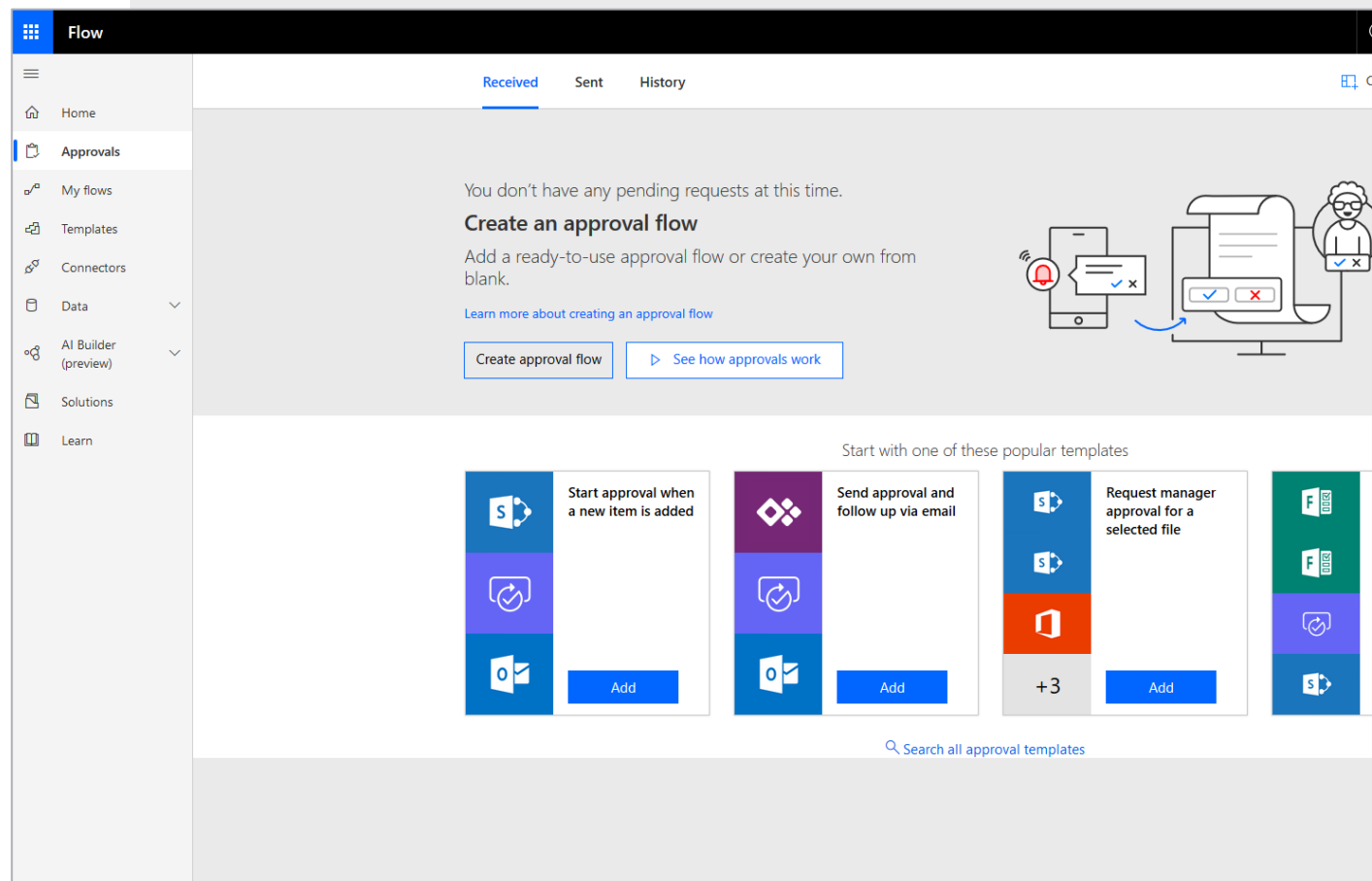


Optimize current solutions with the power of integration and automation



Automate business workflows with Microsoft Flow

- Integrate with pre-built Flow templates for frequently used applications to track and respond to events as they happen
- Automate manual tasks without a single line of code by plugging Flow into Dynamics 365 Field Service
- Use Flow to assign new tasks automatically in the Field Service workflow
- Integrate Microsoft PowerApps with Flow to trigger workflows from within apps, or combine PowerApps with Microsoft Power BI to drive business analytics on your data



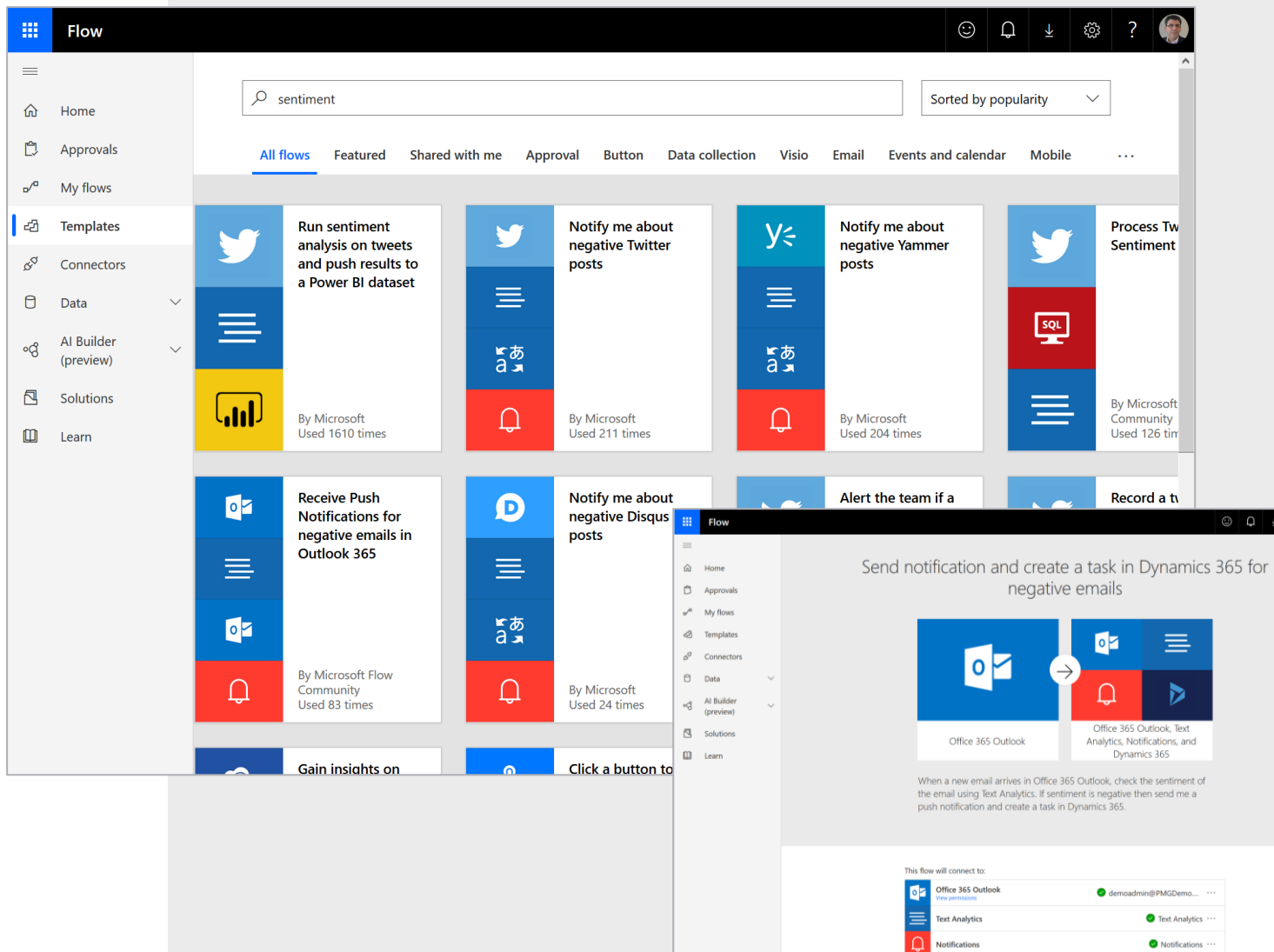


Optimize current solutions with the power of integration and automation



Collaborate using templates and connectors

- Easily work with Field Service info, share files directly from Teams, and integrate and sync files automatically
- Manage a single set of user identities and credentials in both your Azure Active Directory domain and Dynamics 365 Customer Service
- Get up and running quickly with built-in features and integrations with Microsoft platforms your organization is already familiar with



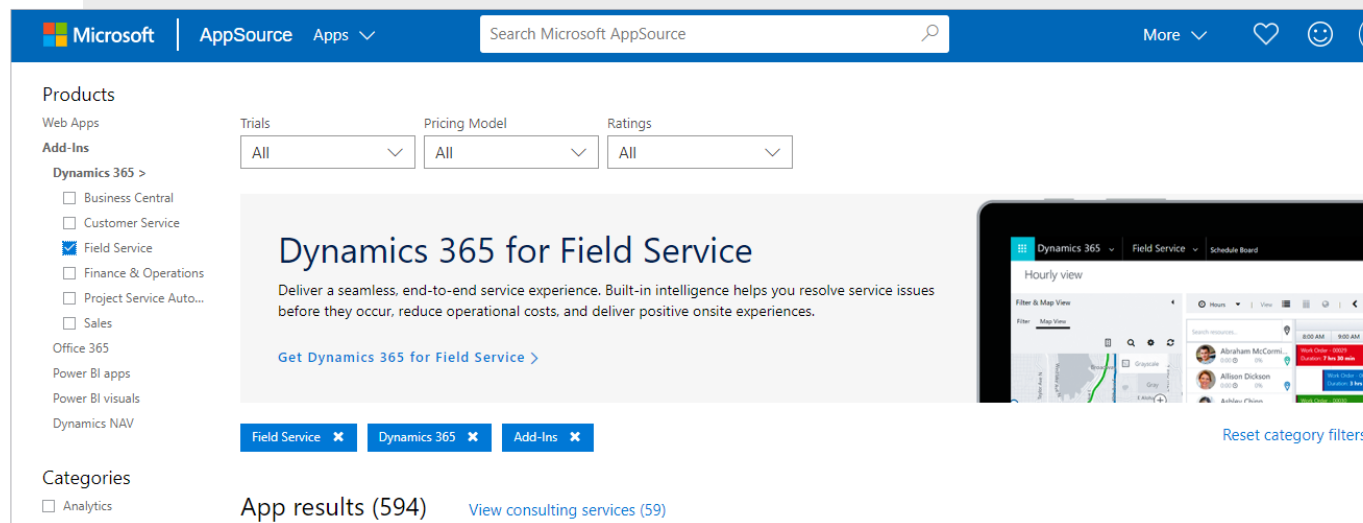
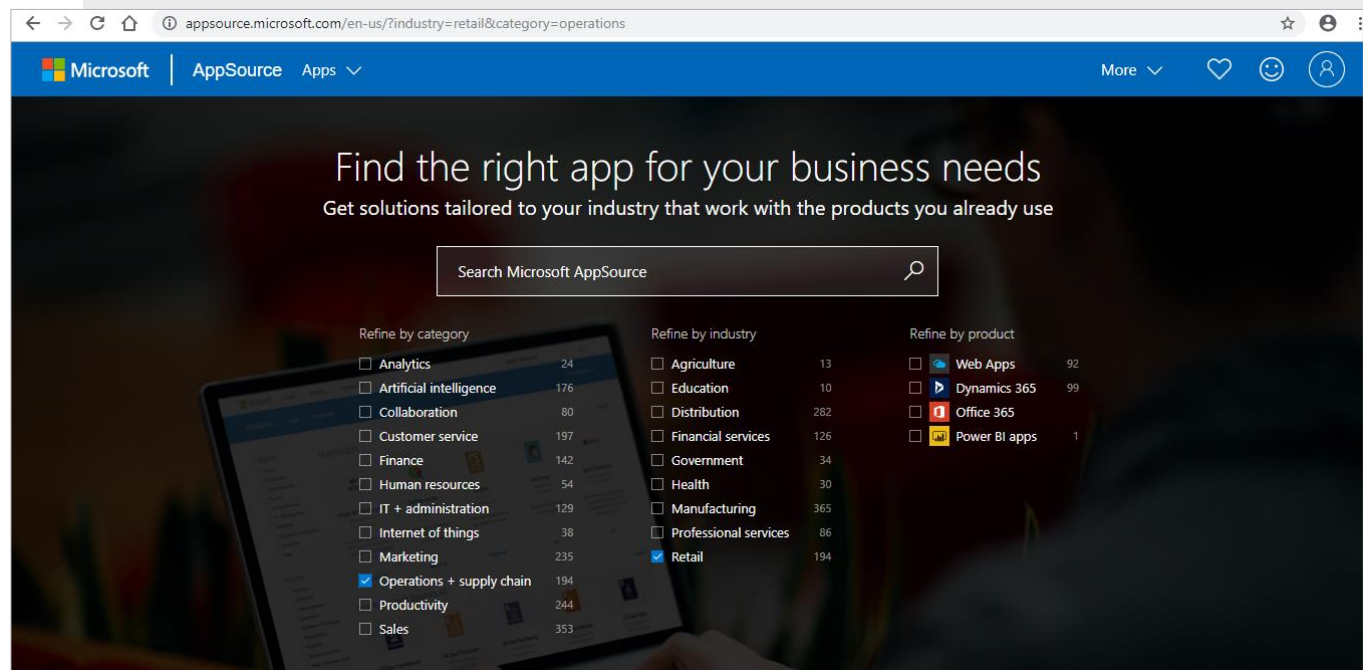


Optimize current solutions with the power of integration and automation



Integrate applications via Microsoft AppSource

- Add new capabilities to your existing field service solutions to meet your business needs
- Use applications tailored to the field service industry that work with Dynamics 365 and align to the common data service
- Try any app for free before you buy





TECHNOLOGY
UNIFICATION

Support clients on their terms with channel integration



Bring your
own channels



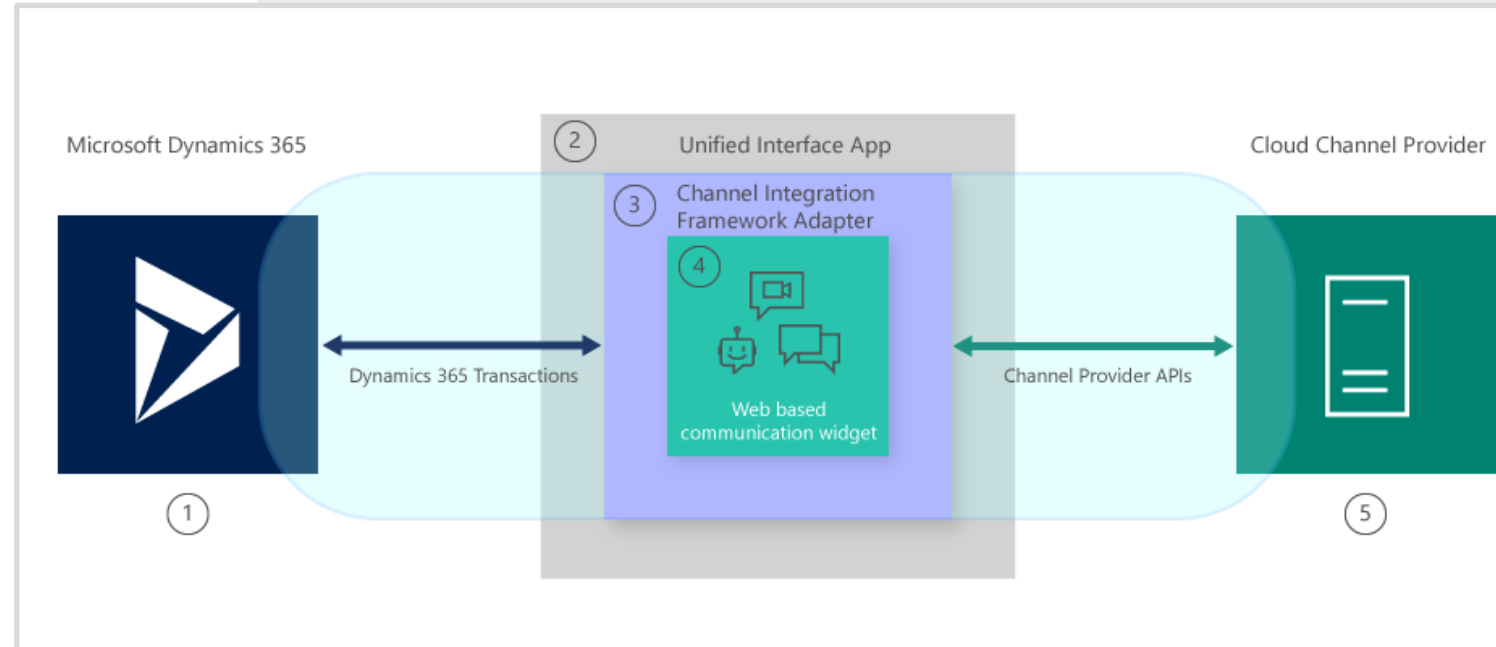
TECHNOLOGY
UNIFICATION

Support clients on their terms
with channel integration



Bring your own channels

- Bring your own third-party channel providers with the Channel Integration Framework, which is agnostic for all JavaScript-based widgets
- Through two-way communication, support inbound and outbound according to your business and process workflows
- Extend and customize within Dynamics 365



An adaptable approach to proactive field service

Core



Field service automation

Effectively plan and manage your field service workforce

Extended



Connected field service

Improve field processes, customer engagement, and effectiveness

Advanced



Extensions to connected field service

Extend and automate with artificial intelligence, intelligent connectors and apps

Core



Empower every agent

Dynamics 365 Field Service

- Work order management
- Scheduling and dispatch tools
- Communication tools
- Asset management
- Inventory, purchasing, and returns capabilities
- Billing capabilities
- Time tracking



Benefits

- Stay up to date with work orders from creation to closing
- Automatically schedule to align right job skills and best location to get more appointments per day
- Enhance collaboration between customer service agents, technicians, and more
- Effectively track customer equipment and service history
- Easily manage stock, purchase orders, fulfilment requests, and product returns
- Auto-generate invoices based on services delivered to customers
- Accurately track time taken by resources on work, traveling, and break

Extended



Connected field service

- Self-service portals
- Preventive maintenance
- Easy-to-use mobile application
- Analytics for reporting



Benefits

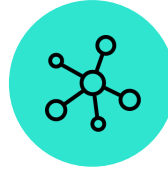
- More personalized portal experience for employees and customers
- Moving from costly scheduled maintenance plans to just-in-time predictive maintenance
- Customizable and extensible mobile app to meet the field service worker's needs
- Gaining deep insights into KPIs to better manage field service and customer engagement

Advanced



Extend and automate with artificial intelligence, intelligent connectors and apps

- Integration with IoT platform
- Dynamics 365 Remote Assist on Microsoft HoloLens
- Integrate with augmented reality and artificial intelligence
- Dynamics 365 Product Visualize



Benefits

- Build your own connected field service solution that integrates IoT data with Dynamics 365
- Walk multiple sites without being on location, getting a real-time view of a problem to troubleshoot efficiently
- Virtualize physical environment to share what you see to the remote team for assistance
- Give your customers a more accurate representation of your products with 3D models

ADAPTABLE IMPLEMENTATION



Core

Field service automation

- Work order management
- Scheduling and dispatch tools
- Communication tools
- Asset management
- Inventory, purchasing, and returns capabilities
- Billing capabilities
- Time tracking



Extended

Connected field service

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Advanced

Extensions to connected field service

- Integration with IoT platform
- Dynamics 365 Remote Assist on Microsoft HoloLens
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Next steps





Take the next step

Get started with **Dynamics 365 Field Service**—empower your digital transformation through applying intelligence and connecting your data.

Lean on the next generation of business applications with trusted Microsoft cloud services.

[Dynamics 365 learning paths](#)

[Dynamics 365 Field Service](#)

