



Module 1

Microsoft Cloud for Healthcare Overview

March 2022



Microsoft Cloud for Healthcare - The basics

What is Cloud for Healthcare (MC4HC)

- It is bringing together capabilities from Microsoft Azure, Dynamics 365, Microsoft Power Platform, and Microsoft 365 healthcare industry specific scenarios.
- A layer on top of our existing horizontal clouds for the healthcare industry specificity
- ❖ Makes healthcare data and applications secure, complaint, connected & interoperable across the entire care continuum
- A platform to build, integrate, enable or extend partner solutions to address the challenges the healthcare industry
- ❖ GA Oct 2020

What it is not

Not a separate infrastructure or sovereign cloud

Why do I care

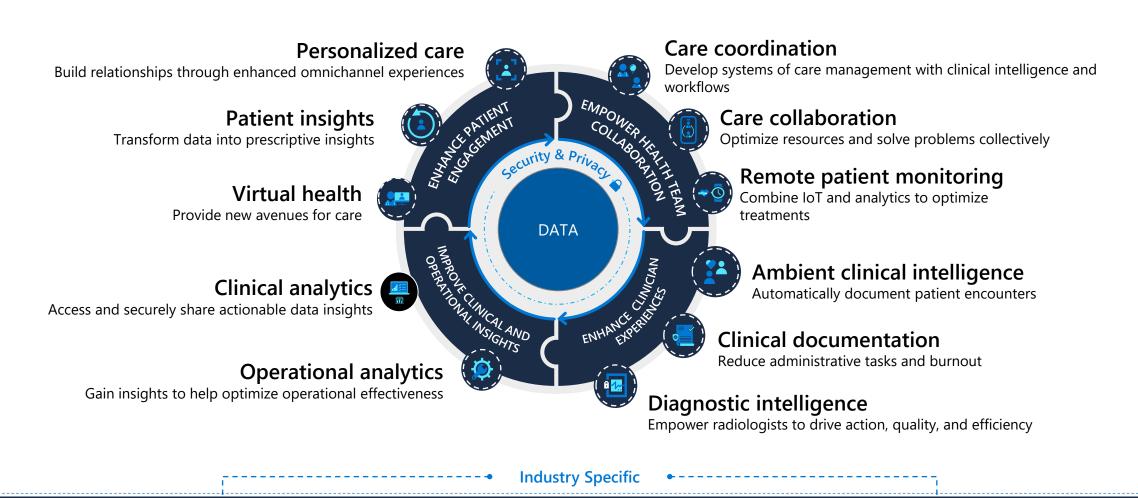
- Accelerates customer and partner adoption of Microsoft clouds
- Provides faster time to market by leveraging shared set of services and data model
- Builds a cohesive healthcare partner ecosystem

How do we acquire it?

- Existing cloud investments (Azure, M365, D365, Power Platform)
- Healthcare Add On (SKU) for 1st party applications (Not required for every scenario)
- Healthcare Capabilities are deployed by Microsoft Solution Center

Microsoft Cloud for Healthcare

Capabilities enabling better experiences, better insights, better care



Microsoft Cloud

Connectors and APIs

Partner ecosystem

Data models

Microsoft Cloud for Healthcare

Providing trusted and integrated cloud capabilities to deliver better experiences, better insights, and better care











Enhance patient engagement



Empower health team collaboration



Enhance clinician experiences



Improve clinical and operational insights

Deliver personalized experiences to engage patients in secure, individualized encounters through every point of care Connect, engage, and efficiently manage your healthcare workforce with tools that help them provide the best possible care

Reduce time spent documenting patient encounters and alleviate provider burnout through Al-powered solutions that drive more personal and accessible healthcare

Leverage insights to improve patient care by connecting data from multiple sources and using predictive analytics for data modeling and identifying clinical trends

Built on a foundation of:



Security/Privacy/Compliance

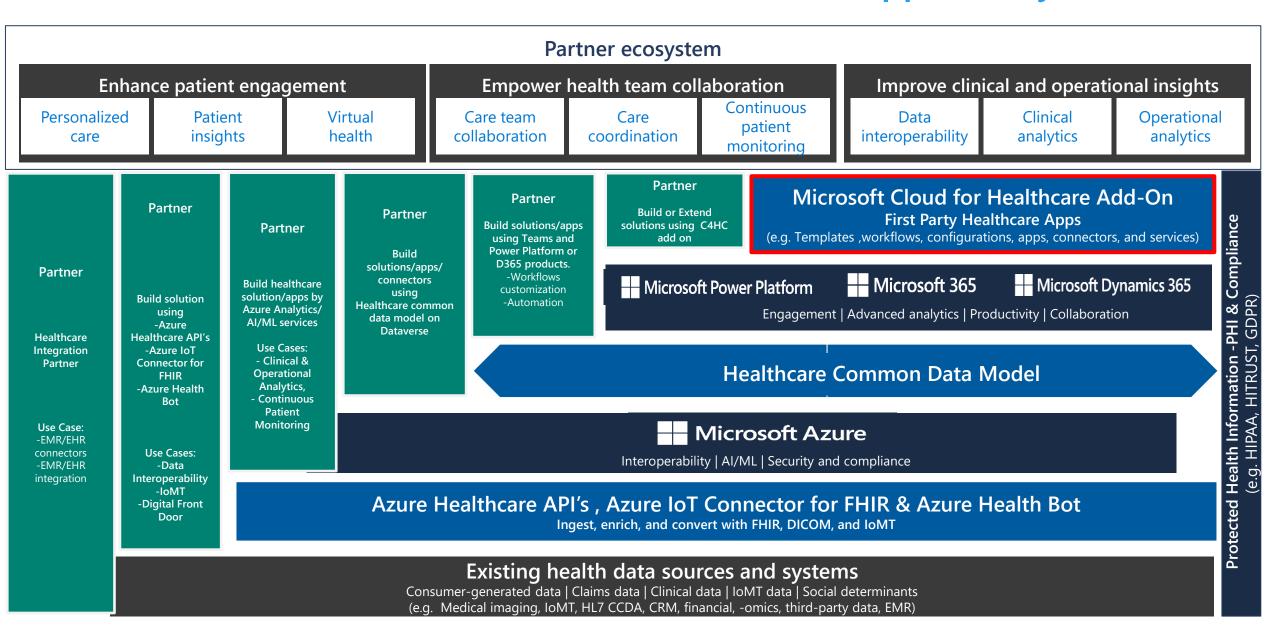
Make it faster and easier to provide more efficient care and help customers support their security, compliance, and interoperability of health data.



Interoperability

Make it faster and easier to provide more efficient care and help customers support their security, compliance, and interoperability of health data.

Microsoft Cloud for Healthcare - Partner Opportunity



Microsoft Cloud for Healthcare – Underlying Platform and Technologies

Industry Priority Scenario (IPS)	Capability	Solutions/ Building Blocks	C4HC Add- On	Microsoft 365			Power Platform			Microsoft Dynamics 365							Microsoft Azure				
				Microsoft Teams	Bookings	EHR Connector	Power Apps	Power Automate	Power Bl		Custome r Insights	Customer Service (Enterprise)	Digital Messagin g add-on	Field Service	Resource Schedulin g add-on	Sales Enterprise	Sales Insights add-on	API for FHIR	Azure Health Bot	Text Analytic s for Health	loT Hub
Enhance patient engagement		Patient service center	•	*			D365 (uded in Customer ervice	*			•	•					•	•		
		Patient outreach	•	*			•	Included in Power Apps		•	*							•			
		Patient access	•	*			•	Included in Power Apps				•						•	•		
	Patient insights	Patient view	•	*			•	Included in Power Apps	♦									•		♦	
		Health assistant	•				Included in D365 Sales		♦							•	•				
	Virtual health	Virtual clinic	•	•	♦		•	Included in Power Apps	♦									♦			
		Virtual visits		•	♦	♦												•	♦		
Empower health team collaboratio n	Care coordination	Home health manager	•	*				uded in eld Service	♦					•	•			♦			
		Care management	•	*			•	Included in Power Apps	♦			•						•	♦	♦	
	Remote patient monitoring	Remote patient monitoring		*			*	♦	♦									•	♦		•
	Care team collaboration	Care team collaboration		•														•			
Improve clinical and operational insights	Interoperability	Interoperability																•		*	
	Operational analytics	Operational analytics		*			•	Included in Power Apps	•									•		•	♦
	Clinical analytics	Clinical analytics		♦			•	Included in Power Apps	•									•		•	9

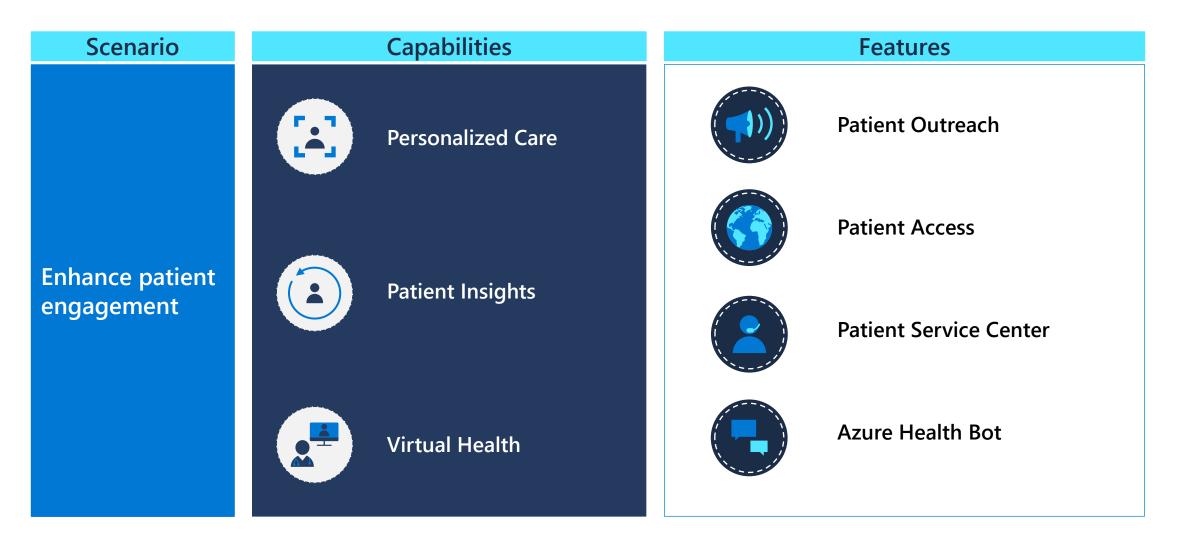
Enhance patient engagement

Develop personalized experiences and interactions that empower patients to take more control over their health.



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Patient Access

Give patients omnichannel access to services like scheduling, messaging, and health bot via an intuitive patient portal.









Feature Functionality

Patient Portal

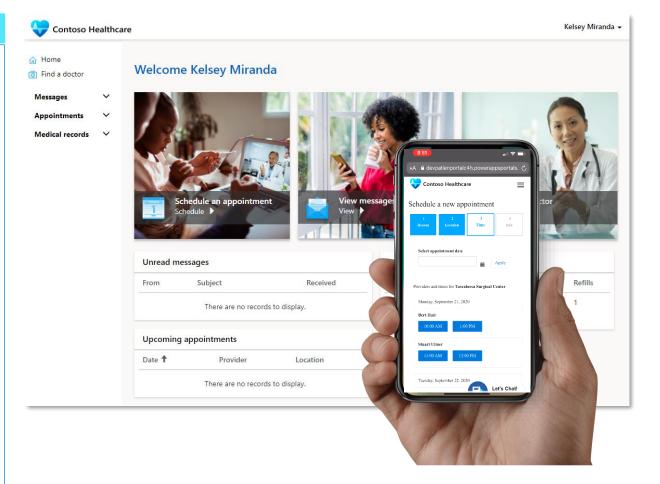
Access to Medical Records

Patient Self-Scheduling

Secure Patient Messaging

Patient Triage with Health Bot

Physicians Directory











Patient Service Center

Engage effectively with patients using built-in guidance while managing interactions and communications.









Feature Functionality

Conduct Patient Conversations

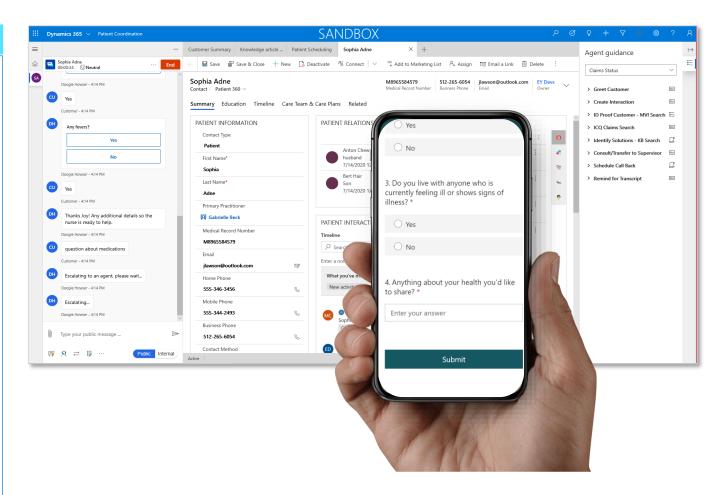
Get Patient 360 Information

Agent Scripts with Smart Assist

Knowledge Article Coaching

Monitor Sentiment Analysis

Patient Satisfaction Survey











Patient Outreach

Streamline and tailor patient outreach leveraging pre-built segments and healthcare-specific event templates.

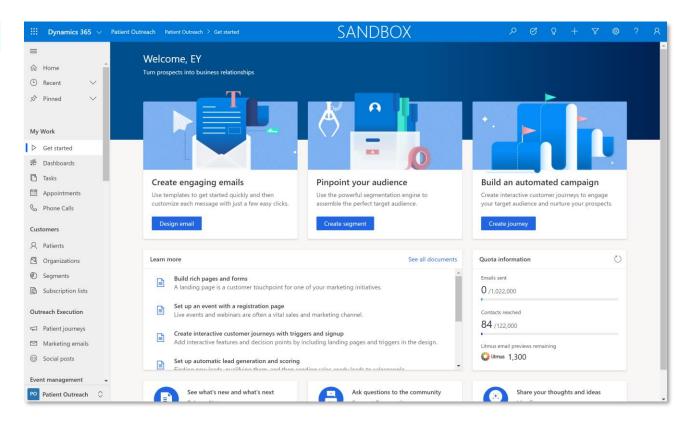




















Azure Health Bot

Provide a self-service engagement channel by building chatbots from templates with built-in and custom scenarios.









Feature Functionality

Built-in Conversations

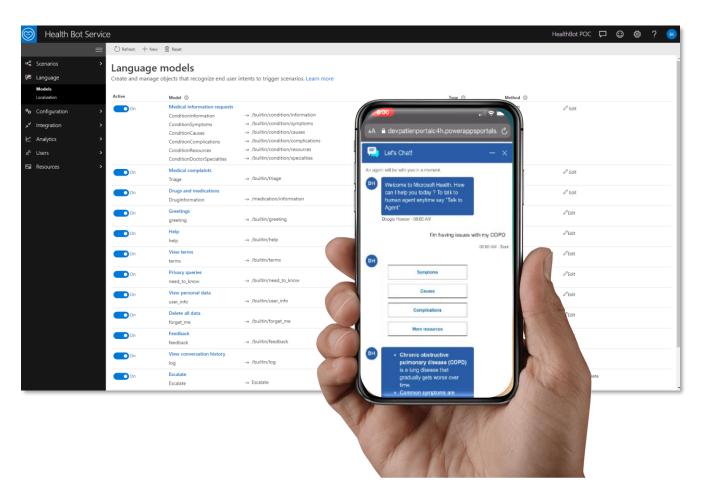
Scenario Templates

Custom Scenarios

Authored Cards

Language Model Extensibility

Escalate to Call Center











Empower health team collaboration

Accelerate health teams' ability to coordinate care in a secure environment and simplify complex workflow management.

Empower health team collaboration



Enable secure collaboration and messaging across the organization – from housekeeping to billing – from a single, highly configurable platform



Enable effective care management, scheduling, and resource optimization by empowering care team members with the right operational tools



Optimize patient treatments from anywhere, anytime by unlocking the power of IoT and analytics to monitor health



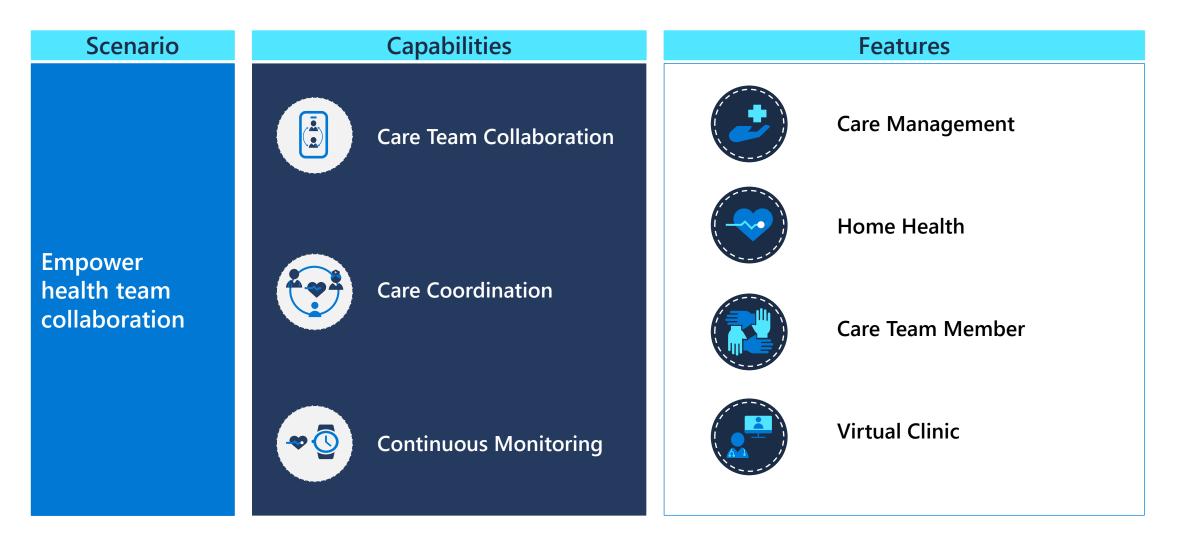






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Care Management

Manage Care Plans and Care Teams









Feature Functionality

Holistic Patient Information

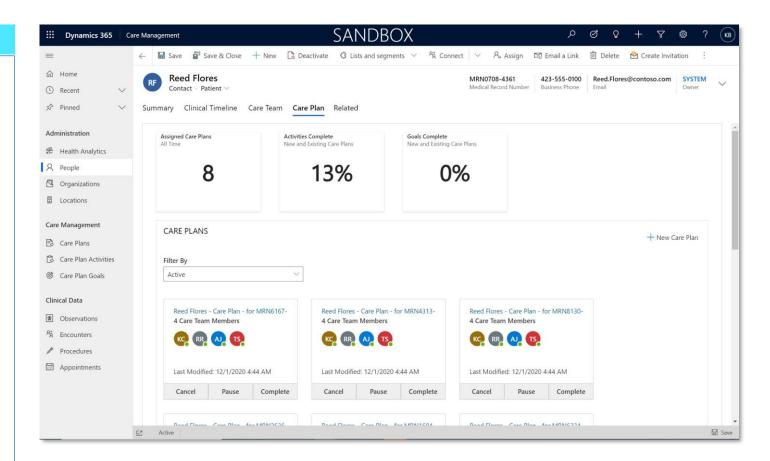
Care Plan Management

Care Team Management

Care Team Support

Patient Health Timeline

Health Analytics











Care Team Member

Care Team view that provides a complete picture of all people collaborating to provide the best care for the patient.

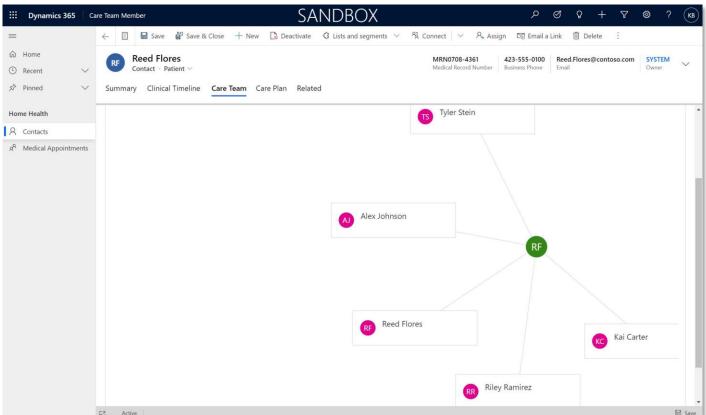




















Home Health

Streamline home care with resource management and route optimization tools.









Feature Functionality

Scheduled Home Visit

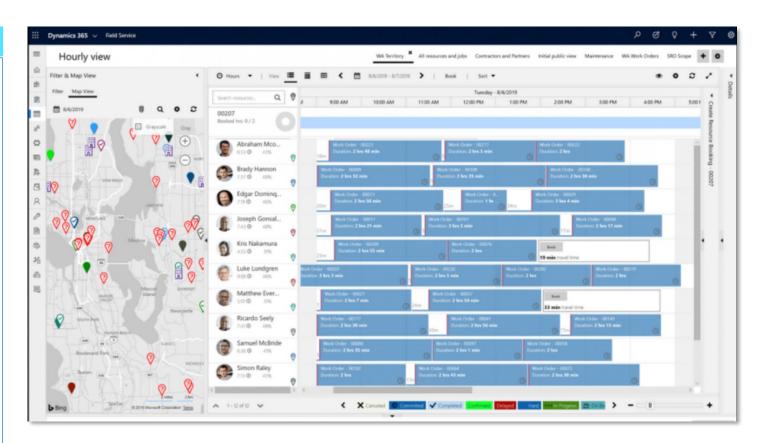
Home Patient Care

Home Care Management

Visit Tracking Notifications

Provider Schedule Management

Scheduling Optimization











Virtual Visits

Utilize video conferencing to provide high-quality, personalized, and affordable consultations.









Feature Functionality

Scheduled/Instant Virtual Appts

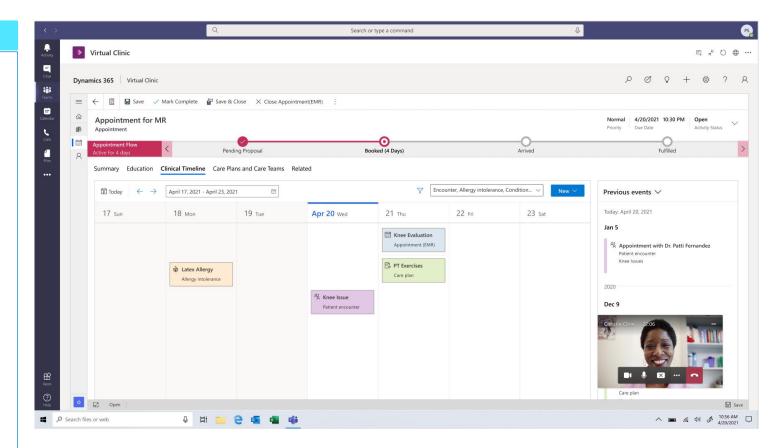
Virtual Clinic Dashboards

Video Calls via Microsoft Teams

Multiple Client Options

Embedded App Experience

Access Holistic Patient View











Improve clinical and operational data insights

Connect data across systems, creating insights to predict risk and help improve patient care, quality assurance, and operational efficiencies





Simplify data governance and compliance by unifying data on a single, secure data platform



Improve operational efficiency by synchronizing management efforts across clinicians and administrators



Transform health outcomes using data-driven insights to improve clinical decision-making and care experiences



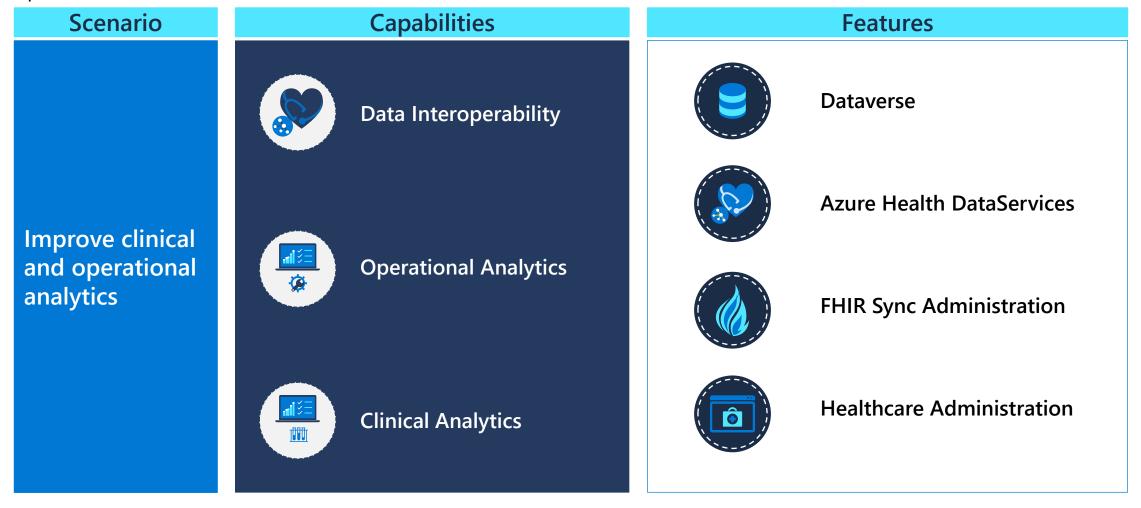






Improve clinical and operational data insights

Connect data across systems, creating insights to predict risk and help improve patient care, quality assurance, and operational efficiencies.



Dataverse

Securely store and manage data that's used by Microsoft Cloud for Healthcare applications.









Feature Functionality

Securely Store & Manage Data

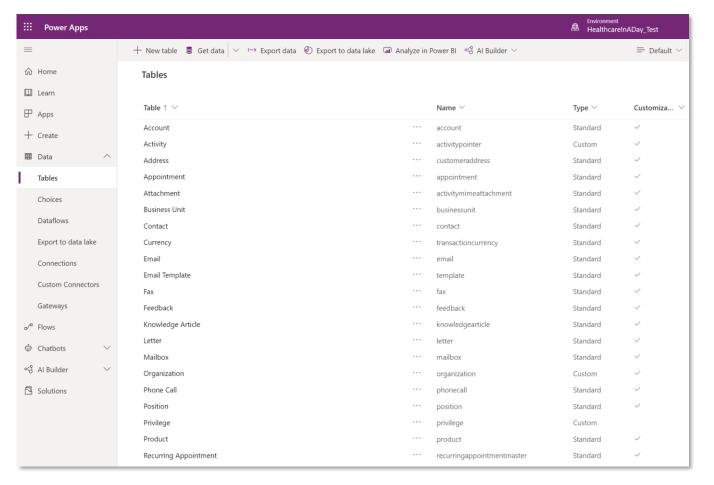
Build Apps Against your Data

Quickly Access your Data

Reusable Business Logic

Built-in Validations

Integration with Other Systems











Azure Health Data Services

Rapidly exchange data and securely connect and interact with any system that utilizes FHIR APIs.









Feature Functionality

Rapidly Exchange Data

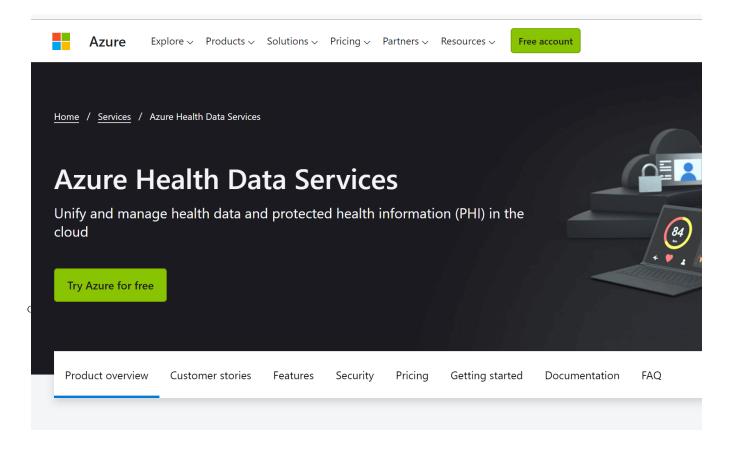
Holistic View of FHIR Data

Adapt and Extend Dataverse

Enrich Disparate Data Sets

End to End Data Pipeline

DICOM, IOMT, FHIR











FHIR Sync Administration

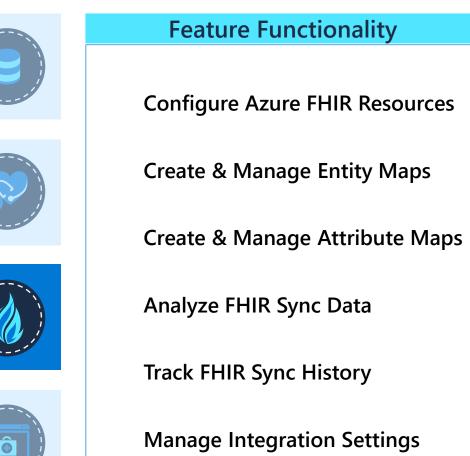
Manage your FHIR mappings, resources, and integration settings for Dataverse.

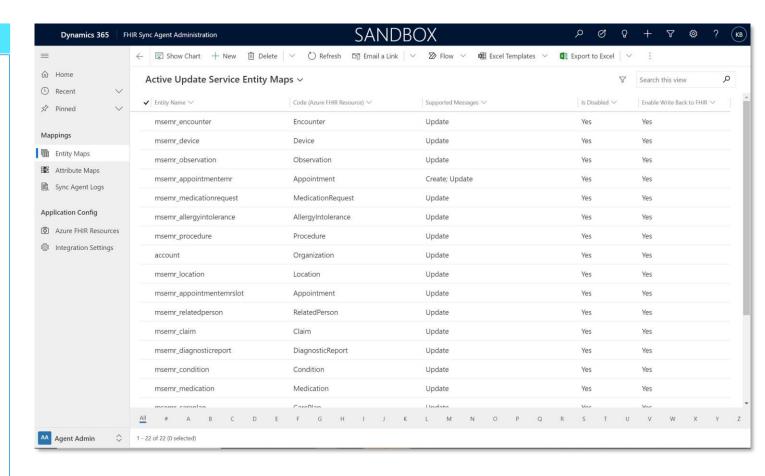




















Protect health information

Protect sensitive health data to support privacy and effective, end-to-end security and compliance



In Summary...



Unlock your data's full potential with the Microsoft Cloud for Healthcare



Trust

Consolidate data on a platform backed by investments in security, a commitment to privacy, and robust compliance offerings



Interoperability

Create a unified
data estate that
communicates
seamlessly with external
FHIR systems and critical
business applications



Intelligence

Reveal actionable, intelligent insights by applying AI and ML tools to comprehensive institutional datasets



Agility

Increase institutional
efficiency through
custom apps, role-based
dashboards, and
automated workflows

Next Session:

Module 2 Microsoft Cloud Solution Center



