

Enhancing experiences, improved insights, delivering superior care with Microsoft Cloud for Healthcare



Enhance patient engagement



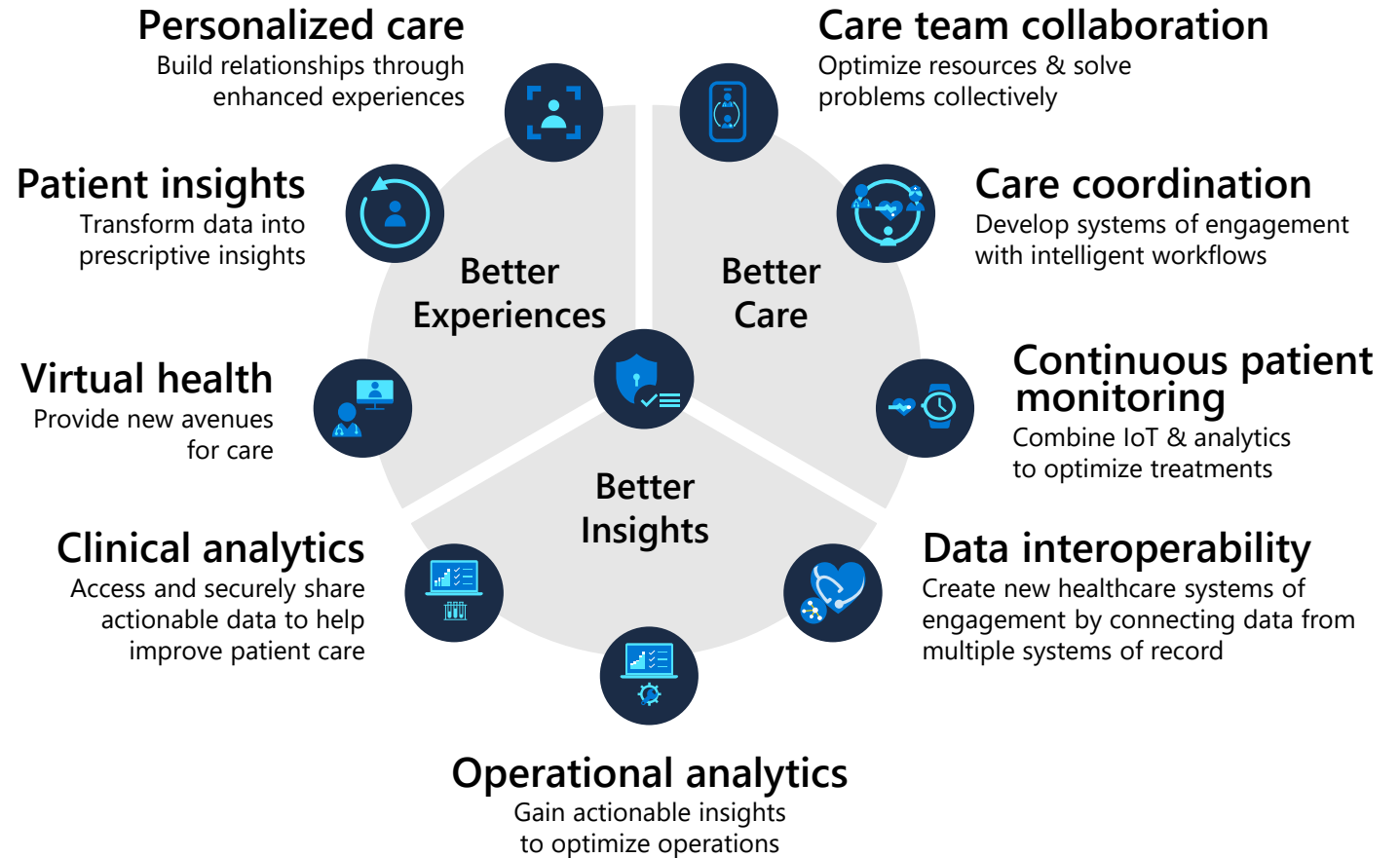
Empower health team collaboration



Improve clinical and operational insights



Protect health information



HCL Customer Offer Summary

Summary of offer: Interop Solution framework leveraging Microsoft Azure FHIR API to enable providers to meet CMS & ONC compliance mandate.

Offer	Outcomes delivered
<p>Summary of the offer Center for Medicare & Medicaid Services (CMS) & Office of the National Coordinator for Health Information Technology(ONC) Interoperability mandate is requiring to share data with patients in a scalable, secure and user- friendly way, inline with the policies by July -1- 2021. HCL Interop As a Service provides end to end requirements for CMS & ONC mandate. Key highlights of the proposed solution</p> <ul style="list-style-type: none"> • Interfaces for Azure FHIR connection and Integration frameworks with EMR's. • Handling of Unstructured clinical data and approach for custom coding for data ingestion. • User Consent Management layer and any 3rd party Patient Portal integration. 	<p>Through this workshop POC the partner will help the produce Interop framework (Estimated timeline of 7 weeks)</p> <ul style="list-style-type: none"> • Interop framework leveraging Azure FHIR API to enable Providers to meet CMS & ONC mandates. • Custom coding FHIR API interface will reduce effort for any new implementation. • EMR Integration & 3rd party Patient portal integration with Azure FHIR API will fast track any new implementation • Reuse User consent management layer across all 3rd party integrations.

Aligned Microsoft Solutions	Aligned Partner Solutions	Other details
<p>Microsoft Cloud for Healthcare Add-on SKU Full-SKU or Virtual Health version + dependent Microsoft technologies Microsoft Health cloud Interoperability /Azure FHIR</p> <p>Industry Priority Scenarios Empower Health Team Collaboration Capability : Data Interoperability</p>	<p>HCL Interop As a Service provides end to end requirements for CMS & ONC Interop mandate. Solution will include Interfaces for Azure FHIR connection and Integration frameworks with EMR's. Approach for custom coding for data ingestion & User Consent Management layer and any 3rd party Patient Portal integration</p>	<p>Up to 30% savings in new implementation efforts via reuse and ready integration interfaces.</p>

Partner Offer: HCL 4 Week Assessment

Area	Summary	Hours, days, etc
Offer type	<p>Workshop and POC: To pull client data from an EMR as well as building interface with Azure FHIR sever, along with user consent management interface.</p>	<p>Workshop : 2-3 hours POC : 35 Days Resources : TBD Price: FREE</p>
Which Industry Priority Scenario (IPS) and capability(ies) does it align to and light up?	<p>Empower health team collaboration Data Interoperability</p>	
Any summary details to help us understand scope	<p>Problem Statement Sending/Receiving data between the EMR and the Azure FHIR Server. As of October 2020, this is the responsibility of the Provider and the implementation partner</p> <p>Solution Scope: FHIR and HL7 interoperability with Azure and EMR</p> <p>HCL will develop a solution that will allow a client to pull data from the EMR based on a specific HL7 version into the Azure FHIR Server. The solution will also allow the data to be pushed back into the EMR. This will include the user consent management Interface</p>	

Workshop Agenda & Deliverables

Timelines	Session topic	Format	Deliverables
Week 1	<ul style="list-style-type: none"> • Discuss current Interop CMS & ONC mandates landscape and understand HCL current solution framework and components. • Identify high level use cases • Understand Customer Environment and sign-off on getting POC's aligned. 	Facilitated discussion	<ul style="list-style-type: none"> • Interop framework workshop solution summary (findings and observations) • High-level Interop framework prioritized roadmap (improvement opportunities identification , potential value drivers) • Change Management Sessions. • Action plan for next steps • POC on agreed business use-cases.
Week 2	<ul style="list-style-type: none"> • Deep dive into HCL Interop framework leveraging Azure FHIR API architecture & main components. • Create sample test data to validate. • Add FHIR Testing tool to validate the FHIR resource • Start developing on Use-case agreed on. 	Guided demonstration	
Week 3	<ul style="list-style-type: none"> • EMR Integration & 3rd party Patient portal integration with Azure FHIR API • Seek feedback on Interop framework solution, Discuss proposed Interop roadmap covering Provider & Payer and next steps. • Complete POC development and Start testing 	Facilitated activity	
Week 4	<ul style="list-style-type: none"> • Change Management Sessions delivered so the client understands how the platform can be best adopted. • Identify & establish next steps • Demo to customer on POC and Sign-off 	Facilitated activity/ workshop mode	