



Business-friendly Solutions



DELIVER BETTER HEALTHCARE OUTCOMES:

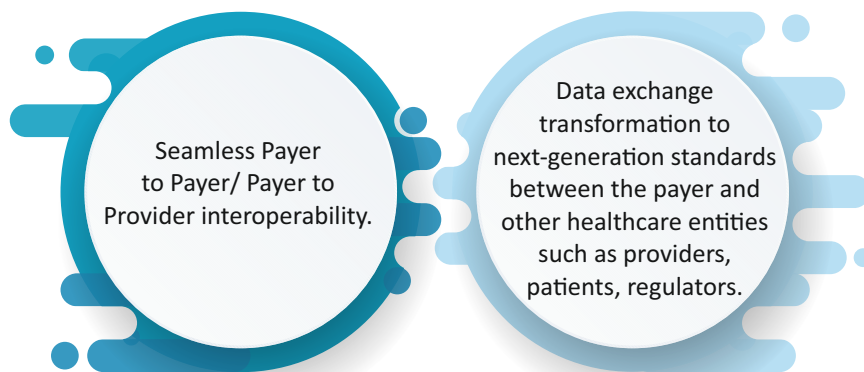
**FHIR compliance and data interoperability
with ITC Infotech and Azure API**

Data interoperability between healthcare organizations is critical to facilitate a seamless connect between the payer, the provider, and the customer. And, now it is essential for regulatory compliance. The Healthcare industry has a short timeline to adopt the right APIs to be FHIR-compliant. The clock is ticking. Are you prepared?

Sharing multi-site clinical data is essential in the new-age healthcare ecosystem. It ensures that up to date and most relevant care is provided to each patient and payment processes are seamless. Data interoperability has thus far been a challenge due to the lack of accessibility and standardization of data formats as well as regulatory and legal requirements such as Protected Health Information (PHI) and Health Insurance Portability and Accountability Act (HIPAA) laws.

Now with FHIR, data interoperability between healthcare players is an idea whose time has come. The deadline to allow members to access their data or grant consent to others is around the corner. Are you ready for FHIR? ITC Infotech is prepared to help you navigate the FHIR opportunity effectively, seamlessly, and quickly.

Key solution drivers



ITC Infotech's FHIR solution, built on Azure stack, prepares you for the new era in healthcare.

FHIR-based interoperability implementation requires an in-depth understanding of the new regulations and how they work with existing regulations governing medical data and its usage. This complex process involves developing a strategy, milestones, and acquiring niche skills. At ITC Infotech, we make this complex process simple and easy to implement.

That is because ITC Infotech's FHIR Solutions is:





The ITC Interoperability Promise - All-in-1 Solution for Scale, Security & Success



The Power of Azure API for FHIR

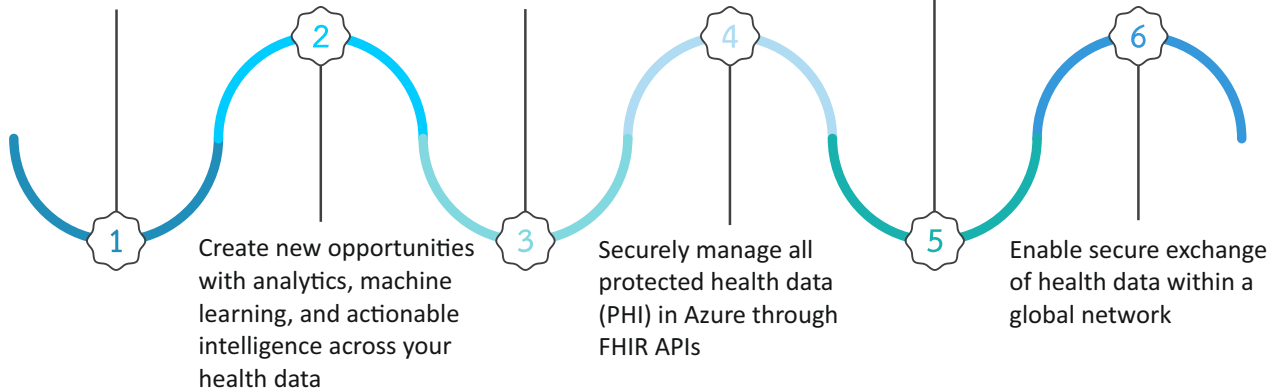
FHIR is a significant opportunity for traditional payers and other healthcare organizations to finally adopt the cloud and its many benefits in the healthcare environment. Leveraging the fully managed, enterprise-grade Azure API for FHIR simplifies the complexities of FHIR compliance. ITC Infotech can provision this service in less than 5 minutes. Our experts support FHIR STU3 and FHIR R4, enabling payers to access and use health data from distributed data sources.

With Azure API for FHIR, you can:

Connect existing data sources, such as electronic health record systems and research databases

Provision fully managed, enterprise-grade FHIR service in the cloud in less than five minutes

Accelerate machine learning, data analytics, and operational outcomes



ITC Infotech Delivers on the Promise of Secure and Seamless Interoperability with Azure API

Always-on security and availability

Azure AD protection and Role-Based Access Control (RBAC), allowing access to data at scale

Audit log tracking for access, creation, modification, and reads within each datastore

Secure compliance in the cloud - ISO 27001:2013 certified, supports HIPAA and GDPR and built on the HITRUST-certified Azure platform

Robust data security using OAuth 2.0 and Azure Active Directory for Azure API security

Global availability and protection of data (including historic bulk data) with multi-region failover

Real-time member data availability like claims and encounter data

Seamless interoperability and operations

Substitutable Medical Applications and Reusable Technologies (SMART) on FHIR functionality that allows medical applications to be written once and run across diverse healthcare systems

Free up operational resources to focus on generating actionable insights from data

Web and mobile integration support for a seamless experience across devices

Enriched data that can be used for predictions, care coordination, and fraud analytics

Tools, templates, connectors, and accelerators for faster implementation of streaming data from a variety of sources including the Internet of Medical Things and legacy health data into FHIR

Supports redaction of 18 HIPAA defined identifiable attributes (e.g., names, addresses) under HIPAA Privacy Rule

Enables representation of FHIR data in Power BI

About ITC Infotech

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry-specific alliances, and the unique ability to leverage deep domain expertise from ITC Group businesses. The company provides technology solutions and services to enterprises across industries such as Banking & Financial Services, Healthcare, Manufacturing, Consumer Goods, Travel and Hospitality, through a combination of traditional and newer business models, as a long-term sustainable partner.

ITC Infotech is a wholly-owned subsidiary of ITC Ltd, one of India's foremost private sector companies and a leading multi-business conglomerate. For more information, please visit: www.itcinfotech.com