

Powering the Future of Healthcare ▶

## FHIR Enablement Solutions

Accelerating interoperability and enterprise-wide FHIR implementation for payers

---



Simplified approach to enterprise interoperability

---

Improvement in member experience / satisfaction due to enhanced member outreach campaigns

---

Regulatory compliance – CMS IPA Rule

---

Scalable and adaptive solution for digital transformation and future readiness

## Comprehensive Solutions to Drive Interoperability & Enterprise FHIR Enablement for Payers

The health plan industry is marching towards advanced interoperability standards due to increasing stakeholder demands. FHIR is the standard for the future that can enable seamless integration and data exchange. CitiusTech's deep FHIR and healthcare domain expertise empowers some of the nation's leading health plans to address interoperability challenges, meet regulatory compliance & accelerate innovation.

### Regulatory Compliance

End-to-end solution for CMS regulatory compliance requirements

- **Patient Access:** FHIR APIs to share patient data no later than one business day
- **Provider Directory:** Provider & Pharmacy Directory (MA-PD) data access to members
- **Payer to Payer Data Exchange:** Historical member data exports
- **FHIR Accelerators:** FHIR data repository, consent management, FHIR parser & data pipeline

### Transformational Offerings

Accelerators and services for FHIR enablement beyond compliance

- **Bi-directional Data Exchange:** Integration with EHRs, member applications e.g., gaps-in-care alerts
- **Unstructured Data Extraction:** NLP integration in FHIR pipeline to extract unstructured data within notes
- **SMART App Development:** Enhanced member & provider engagement e.g., SDOH, proxy surveys
- **Trusted Third-party Exchange:** Integration with partner platforms, e.g., Apple, Google, device vendors

## Key Offering & Accelerators

FHIR Server & APIs	Readily consumable FHIR APIs as per standardized set of health data classes
Consent Management	Collect, store and manage patient consent to enable data access across other consuming apps and portals
FHIR Data Repository	Data repository adherent to FHIR standards and inclusive of data loader
FHIR Parser	Prebuilt FHIR parser library to parse FHIR data and store into canonical models
Data Pipeline	Prebuilt data pipeline for data ingestion and data transformation – validation, data quality, standardization
Bulk FHIR	Prebuilt APIs to enable large data exports with providers and other payers
SMART App Library	Pre-built apps (GapFinder), plug-ins and frameworks to enable 3rd party apps and other system integrations
AI/ML Enablement	AI & NLP Integration for both structured and unstructured sections within FHIR resources

## Success Stories

### Provider Data Exchange using FHIR

Enabled provider search capabilities by integrating with Cloud-based provider repository for a leading Blue plan

### FHIR Data Extraction for unstructured data

Built an end-to-end integrated pipeline to ingest FHIR data and extract clinical entities using NLP to aid suspect HCC & risk scoring use cases for a leading Blue plan

### CMS interoperability rule compliance

Assisted a leading Medi-Cal Health Plan comply with the CMS Interoperability & Patient Access rule with CitiusTech's FAST+ solution





## About CitiusTech

CitiusTech ([www.citiustech.com](http://www.citiustech.com)) is a leading provider of healthcare technology services, solutions and platforms to over 130 organizations across the payer, provider, medical technology and life sciences markets. With over 5,000 technology professionals worldwide, CitiusTech powers healthcare digital transformation through next-generation technologies, solutions and accelerators. Key focus areas include healthcare interoperability & data management, quality & performance analytics, value-based care, omni-channel member experience, connected health, virtual care coordination & delivery, personalized medicine and population health management. CitiusTech has two subsidiaries, FluidEdge Consulting ([www.fluidedgeconsulting.com](http://www.fluidedgeconsulting.com)) and SDLC Partners ([www.sdldapartners.com](http://www.sdldapartners.com)), with deep expertise in healthcare consulting and payer technologies, respectively. CitiusTech's cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare organizations to reinvent themselves to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients.

Princeton | Rochester | Dallas | Boston | Philadelphia | Pittsburgh | Clarksville | Ontario | Mumbai | Airoli |  
Pune | Bengaluru | Chennai | Hyderabad | Gurgaon | London | Dubai | Singapore

[www.citiustech.com](http://www.citiustech.com)

