

TruBridge FHIR API

TruBridge FHIR API makes patient clinical data available for read only access via FHIR* API access.

Benefits

TruBridge EHR clients can connect to FHIR APIs to get clinical data for provider or system applications. Patients have the flexibility to connect to their data by choosing a third-party portal or application that best meets their needs.

Who can participate?

All client facilities that participate in Promoting Interoperability* and have a MyCareCorner instance configured.

How does a patient access their data?

A patient can easily connect their data to a third-party app in just a few steps.

First, they'll need a MyCareCorner portal account—if they don't have one yet, signing up is quick and simple.

Then, they just choose a third-party app that works with TruBridge FHIR API. Within that app they can use their MyCareCorner login credentials to authorize and approve access, and they're all set!

Technical Details

Built using ONC/ASTP required technologies to meet Health IT regulatory requirements.

Utilizes FHIR* standards to allow for a quick and easy integration to TruBridge EHR USCDI v3 patient clinical data.

For additional technical details refer to:
<https://fhir-developer.plt.trubridge.com/>

Current use cases

Serves as the TruBridge certified product Standardized API for Patient and Population services.

Provides TruBridge EHR clients and their patients access to their health data in FHIR* format, using approved third-party applications of their choosing.

How does the data sync process work?

When an EHR user adds or updates USCDI* patient clinical data within the TruBridge EHR, a background service transfers the data to a queue for delivery to the TruBridge FHIR API repository, ensuring near real-time synchronization.

Example Workflow:

- + A clinician selects a patient within the EHR.
- + The clinician creates a new visit or updates an existing one.
- + The clinician updates the patient's medical history and documents vital signs.
- + As the information is saved, the updated data is queued for transfer to the FHIR data repository.
- + A background process ensures the latest patient data is securely transferred and available to authorized third-party applications in near real-time.

TruBridge FHIR API Definitions

FHIR - Fast Healthcare Interoperability Resources (FHIR®) is a widely used application programming interface (API)-focused standard used to represent and exchange health information maintained by the standards development organization HL7® (Health Level 7). Now, a commonly used standard for exchanging health information, FHIR enables a more connected health ecosystem that strengthens health data interoperability, supports innovative applications, and promotes improved health outcomes.

Promoting Interoperability - Promoting Interoperability (PI) is a program by the Centers for Medicare & Medicaid Services (CMS) designed to encourage healthcare providers to use electronic health records (EHRs) effectively. The goal is to improve patient access to health information, enhance data exchange between providers, and ensure better healthcare outcomes.

USCDI (United States Core Data for Interoperability) - A standardized set of health data classes and constituent data elements for nationwide, interoperable health information exchange. This data set includes patient demographics, allergies, conditions, medications, lab results, vital signs, clinical notes, procedures etc