Fast Healthcare Interoperability Resources (FHIR)

Dinoct's FHIR server platform standardizes and simplify the method through which healthcare data is exchanged and makes it easier to meet the U.S. government's health data regulations by providing IT teams with all the tools they need for a smooth data transformation.

Target Audience

- Providers
- Payers
- App developers
- Healthcare technology companies
- Life science and pharma research companies

Challenges

- Meet the requirements of the Office of the National Coordinator for Health Information Technology's (ONC) 21st Century Cures Act, Final Rule,
  - ❖ Adopt standardized FHIR APIs—past due 4/5/2021
  - ❖ cEnable patient access to EHI easy and at no cost—past due 4/5/2021
  - ❖ Allow secure and easy access to EHI using apps—past due 4/5/2021
  - ❖ Adhere to Information Blocking provisions—past due 4/5/2021
  - ❖ Allow EHI transfer/export in FHIR and USCDI format—due 12/31/2022
  - ❖ Meet ONC Certification criteria—due 12/31/2022
- Meet the demands of the Centers for Medicare & Medicaid Services (CMS) Interoperability and Patient Access Rule
  - ❖ Patient Access API
  - ❖ Provider Directory API
  - ❖ Payer-to-Payer Data Exchange
- Providing access to data that's stored using proprietary formats
- Data silos that hamper or prevent access to important information
- zDisparate systems that don't talk to each other

Features

- Accept health information in multiple formats and store health records in FHIR format
- Facilitate enhanced security & hosting capabilities, such as HIPAA-compliant
- Google cloud services
- Support a native FHIR & USCDI data model
- Support FHIR data access & FHIR API
- Connect to 3rd party apps
- Enable highly scalable data storage
- Enable monitoring & Alerting

Benefits

- Enhanced interoperability due to discrete data elements
- Faster, real-time access to data in a readable format
- Seamless interoperability
- Simplified data mapping
- Unified and easier integration process across EHR applications
- Streamlined adherence to the regulatory requirements of the Cures Act
- Quick and painless app development for programmers

Where lies our expertise?

The Dinoct FHIR server is a computer dedicated to collecting and processing health-related data. It is like a data and processing hub that engineers can use to develop solutions that connect stakeholders with the data they need most. To learn more about how Dinoct's FHIR server platform can help your organization, contact us today.