

What does FHIR® Stand for?

FHIR® stands for Fast Healthcare Interoperability Resources

What is FHIR®?

FHIR® is an HL7® next generation standard. Helping computer systems communicate with one another regardless of how it is stored in those systems

Why the need for FHIR®?

The development arose from the need for a quicker, easier, and safer method to exchange large amounts of health data regardless the platform it exists on. Which can help can solve different clinical and administrative challenges

Why Implement FHIR®?

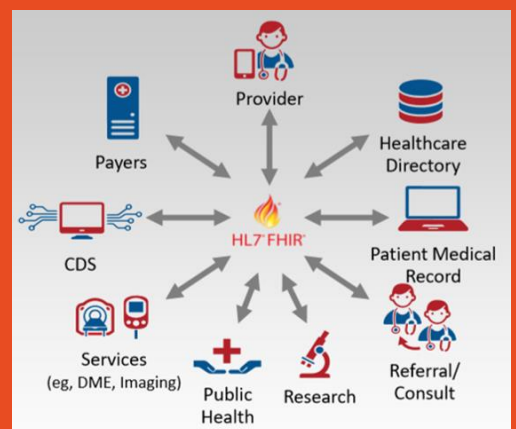
- Excellent platform for medical and financial data
- FHIR® facilitates interoperability with legacy standards
- Platform is easy to learn and use for web and mobile apps
- FHIR® is licensed to be free and without restrictions
- Access to community of experts to support in complex problems
- The platform describes an easy way to use terminology services
- Base resources can be used as is or adapted as needed enabling data interoperability out-of-the-box
- Specifications are concise and easily understood, by both clinicians and developers with little or no clinical experience

Two Core Components –

Resources – a collection of information models that define the data elements



APIs – a collection of well-defined interfaces for interoperating between two applications



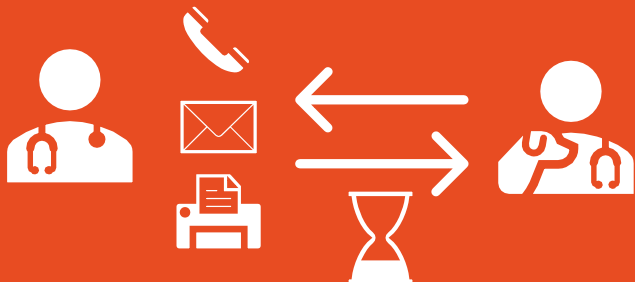
FHIR® Grants Flexibility

- Using a simple framework, FHIR® allows systems, on whatever platform to work with additional extensions
- FHIR® can be implemented on legacy systems that were built upon decades of HL7® standards, without disrupting information exchange
- FHIR® can be used as a data platform for large data sets and for analytics



What did we do before FHIR®?







Providers spent more time on phone calls, sending and receiving faxes, snail mail



What are some common use cases?

- External connectivity
- Document exchange
- Bulk data exchange
- Messaging and web services
- HIEs / ACOs
- National exchanges
- Social web
- Mobile applications
- Clinical decision support
- Home health devices

Benefits to Patient Care?

-  FHIR® reduces the fragmented nature of healthcare data and allows providers to access the right information at the right time
-  Uniformity in the collection and aggregation of data
-  Clinical decision Support: Ability to access data from various sources in a consistent format and approach
-  Patients who see multiple providers in different health systems will no longer have to worry about having numerous patient portals from organizations using different EHRs
-  Disease surveillance
-  Monitor and manage Medication adherence

How does FHIR® address privacy and security concerns?


FHIR® provides a standard, which makes it easier to secure, everyone is following a common data access architecture

Within the FHIR® infrastructure, there is a consent resource that has been developed so that patients can define how they want to share their information prospectively, for what purposes, and with whom



What's next?

 Increased interest in regulatory action to adopt FHIR®

 As developers continue to investigate innovative ways to address the fundamental problems of health data interoperability, providers and patients may not have to wait much longer to gain access to an incredibly rich new set of functionalities within and across their health IT systems