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# Capture the right data, the same way, every time.



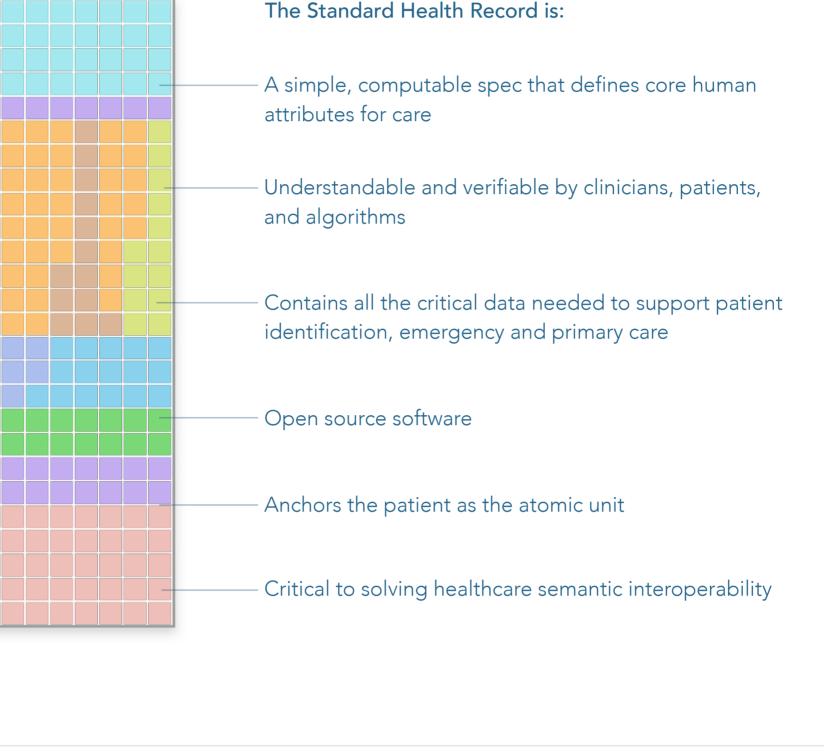
## Engineering a US standard for patient health record information

Standard Health Record

Our vision is to fundamentally shift how healthcare information is created. A well-executed Standard Health Record (SHR) will move the health system

towards an integrated, personalized, prevention-focused, and modernized

The **Standard Health Record** addresses the national problem of health data interoperability by defining and implementing the core components of a standard, digital health record that will be used for US patients.



#### common operating picture, advancing the nation towards an integrated health system to modernize US health systems and processes.

**Better Patient Outcomes** 

By defining the core components of a standard, digital health record for US

civilian, DoD, and VA patients, the SHR will allow a single source of truth for

complete patient health data needed for patient identification, emergency

care, and primary care. It will improve care coordination by providing a

#### accelerating secondary uses in public health, disease surveillance, postapproval monitoring, and patient-centered outcomes research.

Widespread SHR implementation will result in interoperability across

geographical locations and care settings. Health-related services including

telecare, clinical decision support, and quality measurement will be supported

by SHR, improving healthcare access, quality, and uniformity. SHR provides the

foundation for collection, communication, and aggregation of patient data,

By leveraging existing standards within the US and internationally, it will allow

medical information to be stored, transferred, and merged using the SHR

National interoperability

specification while at the same time improving information transfer by providing rightly-defined data elements, terminology mappings, and value sets.

Timeline

Define the components of a standard, digital health record v01

Demonstrate a centralized, open source, pilot HIE with SHR for

Conduct a large scale trial in Massachusetts using Personal

Establish a new certification for Health Information Exchanges,

based on the ability to store, merge, and disseminate SHRs

### 2017 Conduct limited pilots using Personal Health Information (PHI)

Massachusetts

Health Information

(certified HIE)

2016

2018

Establish a DURSA (Data Use and Reciprocal Support Agreement) that permits SHRs to be passed between HIEs and authorized parties
 Work with Commonwealth of Massachusetts to establish digital healthcare policies, including an opt-out HIE policy

We are in the early stages of prototyping and defining the SHR, and seek

multidisciplinary collaboration with individuals and organizations that are forward thinking in terms of meaningful health data interoperability and true

precision health for individuals and populations. shr-project-list@lists.mitre.org