

SOA Services Layers

UI

- Support common UI Standards
- Provide services for imbedding application in existing EMR/EHR frameworks

Orchestration of Services and Business Layer

- Implement a multi-layered services architecture (SOA)
- Support common Decision Support models (BPMN2/Drools)
- Support common workflow models (BPMN2)
- Data and vocabulary transformation Services
- Context management services
- Master Data Management Services
- Identity Management Services

Data Virtualization

- Support FHIR/Restful Services models that support launch and forget applications and applications that support a full SOA services stack
- Deploy FHIR profiles in collaboration with Argonaut, the VA, Intermountain, Regenstrief, Mayo/ASU and LSU.

HSPC Mission

Improve health by creating a vibrant, open ecosystem of interoperable applications, content, and services.

HSPC Vision

Be a provider-led organization that accelerates the delivery of innovative healthcare applications that improve health and healthcare.

Organizational Guiding Principles

- Provider-driven
- Patient-centered
- Business focused
- Open Architectures
- Accelerated Innovation
- Vendor-agnostic
- Collaborative
- Adaptable
- Sustainable

SOA Guiding Principles

Three tiered services model

- Maintain atomic services that are consistent in performance and behavior
- Can be administered once in a framework
- Can be orchestrated under a true SOA governance
- Can be consumed by anyone implementing the HSPC reference architecture
- Can be addressed by synchronous and asynchronous service requests
- Are implementable out of the box
- Are supportable and documented to a standard
- Provide HSPC supported services as open source