



Share services enable you to build standardized interfaces between external systems and enabled applications and devices to facilitate cross-enterprise integration.

Value

- **Rapid and scalable integration:** Provides a high performing integration engine with many built in capabilities to provide semantic interoperability, connecting On-premise with the cloud API based systems
- **API based flexible framework:** Out-of-the-box support for REST based APIs, with support for a variety of message mapping and routing capabilities and custom integration to standard and application-specific workflows
- **Flexible messaging format support:** Supports variety of messaging formats, such as HL7 (version2 and 3) to HL7 FHIR, and enables integration with systems based on well-defined XML, JSON and any other proprietary formats

Features

- **Share – IO Bridge** services provides secure, extensible enterprise integration frameworks for users to exchange information with hospital enterprise systems. It simplifies implementation of communications, message mapping, message delivery, data transformation, and routing of data across different systems and normalizes data to the platform; supports standard based messaging protocols like HL7.
- **Integration framework** offers an integration framework that enables standard methods for integrating clinical and non-clinical data from hospitals systems and EHRs with cloud-based consumer applications. This integration framework is extensible and supports client-specific customizations and extensions
- **HL7 based standard support** enables standards-based interoperability using HL7 based profiles and workflows such as:
 - ADT: Admit Discharge Transfer Message
 - ORU: Observation Result Message
 - ORM: Order message
 - RDE: Pharmacy/Treatment Encoded Order Message
 - VXU: Immunization Message
 - MFN: Master File Notification Message
 - PPR: Patient Problem Message
 - REF: Patient Referral Message
- **Integration support** provides support for integration using web services, REST, JSON, and XML
- **Multi-tenant deployment support** enables users to configure a service in a multi-tenant setup environment, allowing a client application to have data segmentation per end point within the same service
- **Security and encryption** encrypts data at rest and in transit. It enables HTTP(S)-based multi-way SSL handshake and token-based authentication for data exchange

Consult hsdp.io for details