

Exchanging clinical data is not enough - it has to be understandable and usable!

Healthcare Interoperability is the ability of different IT systems and software applications to communicate, exchange data, and use the information that has been exchanged. HIMSS Definition

To fully utilize the clinical data you receive from other healthcare IT providers, the use of international healthcare IT data standards is required.

We improve the quality of data exchanges between providers to improve patient care and safety.

J P Systems

is passionate about

Data Standards

We provide services for:

- **Interoperability Planning**
- **HL7 Standards Development**
- **Clinical Document Improvement**
- **Standardized Clinical Terminologies**
- **Partner Onboarding**
- **HL7 FHIR® Queries**
- **Data Modeling**
- **Data Architecture**

**BETTER DATA
BETTER PATIENT CARE
BETTER OUTCOMES**

Standardize & improve your data's usability, so trading partners can better utilize it.





'J P Systems provided exceptional quality and 100% first time acceptance. J P Systems SMEs are of such high caliber that when the VA Secretary made an announcement in June 2017 to shift direction to a COTS solution, J P Systems SMEs rapidly adapted the strategy, approach, and deliverables within the scope of work to enable the VA to adopt the new direction with agility.'

- Federal Contract Specialist

Our Healthcare IT Services

Clinical Document Architecture (CDAs) Improvement – We expand the number and types of CDA and other HL7 documents you exchange .

Data Quality Improvement – We evaluate client data exchanged and make recommendations for improvements, resulting in higher quality data exchange.

Clinical Business Process Workflow
Understanding business processes can clarify data exchange requirements.

Interoperability Planning–We provide data architectural planning to enable different IT systems to communicate, exchange and use the information that has been exchanged.

Partner Onboarding – Identify and engage new exchange partners for our clients.

Data Modeling and Data Architecture – We develop Detailed Clinical Models (DCMs) of healthcare domains and terminologies for consumption by various IT systems.

Data Standards Development

Our work at SDOs gives us insights into the issues, directions, and resolutions of standards for data exchange and interoperability.

Standardized Clinical Terminologies – Creation and maintenance of clinical reference terminologies.

Clinical Terminology Mapping – Match local terms to international clinical data standards to enable data exchanges with precise meanings.

HL7 Standards Development – If you need a brand new standard document for a specialized area of medicine (e.g. neonatal care), we can establish a new international standard for you. We voice our clients' needs for the improvement of existing standards through HL7 ballots.

HL7 FHIR® Information Exchange – FHIR® has its own standardized vocabulary for information exchange. We can map your vocabulary to FHIR's® vocabulary.

Better Data is realized when our team of Healthcare IT experts and clinicians work with your team.

Better Patient Care is achieved when clinical data is complete and accurate.

Better Outcomes result when Clinical Decision Support systems use reliable and standardized data.

Our Clients Succeed

Veterans Health Administration (VHA) – TSS - IDIQ 31 Task Orders as prime

HHS Office of the National Coordinator (ONC) Federal Health Information Model (FHIM) 39 healthcare domains.

National Institutes of Health (NIH), National Cancer Institute (NCI) –business process analysis for clinical trials

Call J P Systems today to address data standards issues.

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