

Interoperability with your external data exchange partners is key to a complete patient record in your EHR system.

Why is clinical data interoperability so hard?

Many EHRs have coded data values that existed before standardized international terminologies (like SNOMED) were created.

Interoperability efforts require an agile approach of both Healthcare IT technical talent and the review of clinicians who are aware of risks.

In IT since 1983, we're your best choice for clinical data exchange.

Why J P Systems

is passionate about

Interoperability

We provide services for Clinical Data Interoperability:

- Interoperability Planning
- Risk Identification
- Terminology Mapping
- Clinical Decision Support
- Clinical Document Improvement, CDAs
- Clinical Terminology Mapping
- HL7 FHIR® Queries
- Drug-Drug Interaction alerts
- Improved Patient Safety

BETTER DATA
BETTER PATIENT CARE
BETTER OUTCOMES
J P SYSTEMS

Reduce risks to patient safety by having complete longitudinal patient data.



External data which feeds your Clinical Decision Support system must be cleaned and reviewed.



'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 Services

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

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

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

Partner Onboarding – Proper data integration for clean incoming data from new partners.

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

Interoperability Improvement

Improved Patient Safety – Better data results in improved care coordination between providers and decreased readmissions.

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

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

HL7 Standards Development – We can establish a new international standard for you or add to an existing one. We voice our clients' needs through the HL7 ballot process.

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) – Prime contractors for Data Architecture.

Office of the National Coordinator (ONC) at Health and Human Services (HHS) - Federal Health Information Model (FHIM) more than 39 healthcare domains.

National Institutes of Health NCI analyzed processes for clinical trials tracking.

Call today to address interoperability issues and reduce risk

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