

**Data Quality is critical for the patient safety systems in your EHR system. Without properly coded drugs and lab tests, the patient safety alerts may not trigger.**

**We evaluate your clinical data, create a scorecard sorted by domain and make recommendations for improvements. Once improvements are made, we rescore your data and provide a second report.**

**Successful Data Quality efforts require both Healthcare IT technical talent and the input of clinicians who are aware of risks. Since 1983, we're your best choice for clinical data logistics.**

**Clinical Decision Support systems must have high quality data to function properly.**

# Why J P Systems

is passionate about  
**Data Quality**

**We provide services for Data Quality Improvement:**

- **Risk Identification**
- **Clinical Decision Support**
- **Interoperability Planning**
- **Clinical Document Improvements, CDAs**
- **Clinical Terminology Mapping**
- **HL7 FHIR® Queries**
- **Data Modeling and Data Architecture**
- **Drug-Drug Interaction alerts**
- **Improved Patient Safety**

**Better Data  
Better Patient Care  
Better Outcomes**

**Data Quality  
Improvement for  
Patient Safety and  
Clinical Decision  
Support**





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

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

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

**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.

## Data Quality 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.



**Address data quality issues and reduce risk!**

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