

Healthcare IT Challenges

In a world that is more global and mobile every day, Healthcare IT is working against many challenges. It must support more complex activities with greater precision and more predictable outcomes than ever before. Finding ways to work within budgetary restrictions is very challenging. We see the answers to be in new EHR technologies and standards based data architecture.

Increasing patient safety and improved outcomes must be demonstrable. Data must be stored in a way that can be transmitted when needed for interoperability. Medical devices must be able to share patient data to prevent potentially fatal problems from occurring.

How J P Systems Can Help

Interoperability requires architectural planning

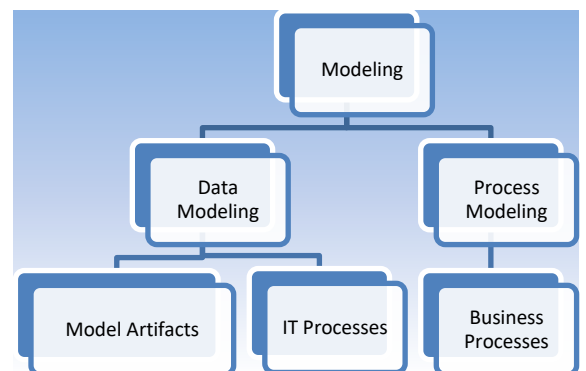
J P Systems, Inc. has 16 years of experience with Healthcare IT Systems architecture, requirements analysis and modeling for Electronic Healthcare Records (EHR). We design highly complex Healthcare system specifications and have worked on major multi-year projects with the Veterans Health Administration (VHA), the National Cancer Institute (NCI) at NIH and the U.S. Indian Health Service.

We also assist the HHS Office of the National Coordinator (ONC), Standards and Interoperability with the Federal Health Information Model (FHIM) modeling efforts. The actual model may be viewed at www.fhims.org. This is the approved Federal model for electronic health information and contains 33 domains of healthcare information.



Data Standards Development

We have over 14 years of experience with the development of **clinical data** standards for messaging including HL7 v. 2, v. 3, CDA and FHIR. Our employees hold leadership positions within HL7 as committee co-chairs. As we routinely work with other Standards Development Organizations (SDOs) NCPDP, OMG, X12, SNOMED International. We can help our clients meet these varied and complex healthcare IT standards.



What We Deliver

We deliver world class analysis which looks far into your future Healthcare IT needs. The models we produce not only provide critical documentation of your organization's processes, they also can be used for generating many types of artifacts including XML, NIEM, Java programs, database schemas, and model to model transformations. Need to share data with another organization? We will position your organization to meet future requirements, while also helping reduce costs through reutilization of existing software.



About J P Systems, Inc.

Founded in 1983, we are a Woman Owned Small Business (WOSB) headquartered in Northern Virginia. We have helped more than 150 clients to economically and efficiently and implement their EHRs and other software systems.

J P Systems has experience in a wide array of business lines, including healthcare, defense, and financial. Over the past fifteen years, J P Systems has concentrated on Enterprise Architecture, data modeling and Healthcare IT.

Our Corporate Capabilities Statement outlines our [current contracts](#) at VA and ONC include clinical business analysis, requirements management, modeling, terminology consultations, enterprise architecture, and stakeholder liaison efforts. J P Systems personnel play a key role in the Federal Health Information Model www.FHIMS.org and are actively engaged in various interagency initiatives, including DOD and the VHA Interagency Project Office (IPO).

We strive to understand both the business and the IT requirements of our clients to successfully managing IT processes to optimize your organization's systems.

What You Can Achieve

Interoperability and Vendor Neutrality

Position your organization for the future:

- **Define Your Business Processes**
- **Define Your IT Processes**
- **Assess your Organization's IT assets**
- **Comply with required standards**
- **Interoperability within your enterprise**
- **Automatic generation of standards implementation guides ensures data integrity**

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