

J P Systems, Inc.

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Healthcare IT Services
Focusing on Interoperability

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Our vision for the future: Electronic Healthcare Records accessible in a web browser designed specifically for Healthcare with data viewed & stored securely



How We Achieve Interoperability

- Establish and use international standards for information exchange, HL7
- Architectural roadmaps for design and communication between enterprises: SOA, FHIMS.ORG: Meta data models
- Common Terminologies: LOINC, HITSP, SNOMED

Standards &
Process
Development

Medical
Terminology

Enterprise
Architecture

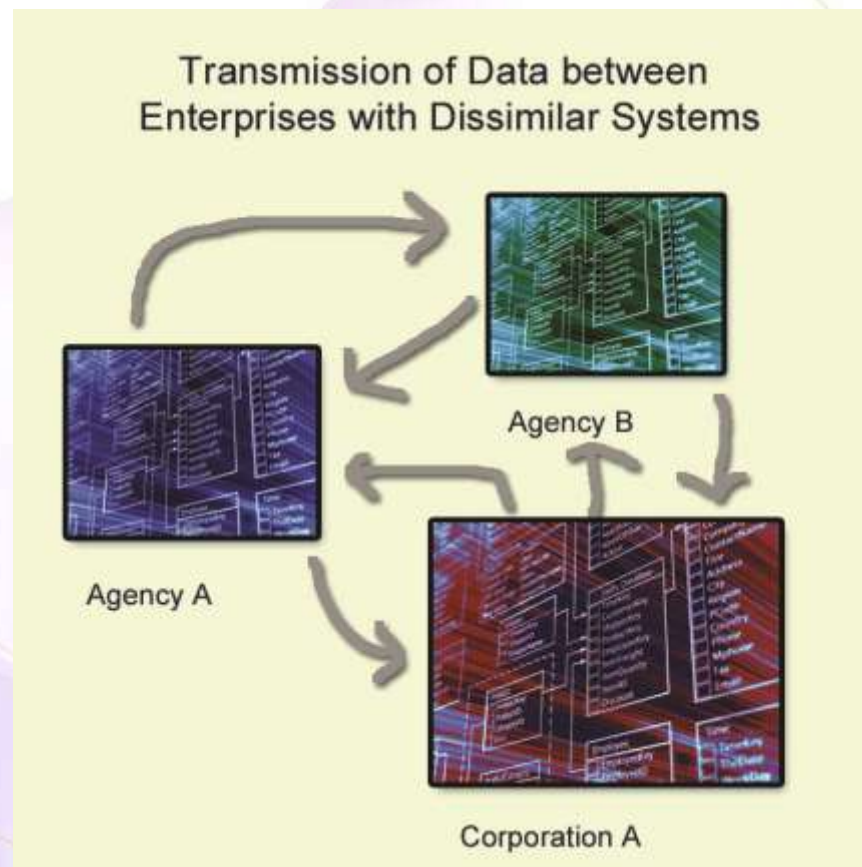
Requirements
Development

Modeling &
Simulation

Informatics
Services

We enable data exchange

Data can be exchanged with other enterprises via standardized XML schemas from canonical information models.



Standards & Process Development

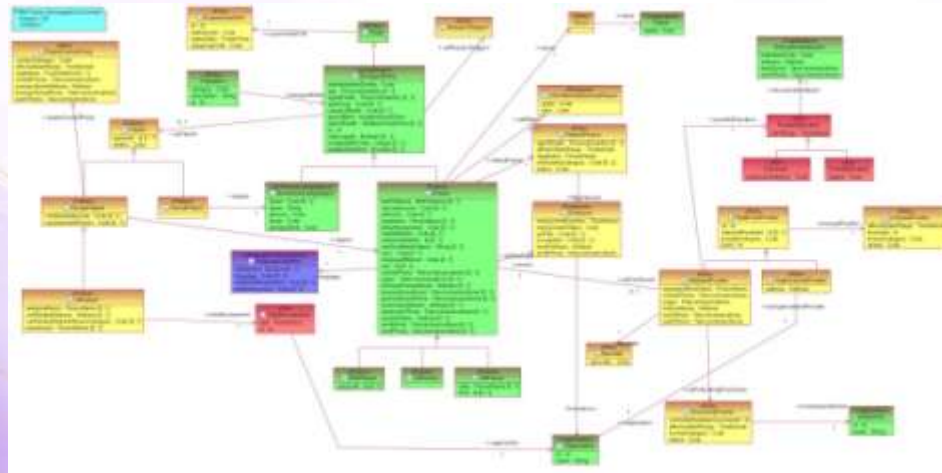
- Develop data standards and processes
 - Standards for XML structures
 - SOA standards
 - Messaging Standards
- Active involvement in international Healthcare IT standards enable us to successfully design and manage:
 - HL7 v. 2, v. 3, and CDA
 - NCPDP ePrescribing and Billing
 - Enterprise wide projects which must conform to standards to exchange data

Analysis and Design

- We have extensive VHA experience with determination of:
 - Data Requirements
 - Business Requirements
 - Business Workflow
 - Needed Architectural Services:
(e.g. Patient ID service, Laboratory Test Ordering & Test Reporting, Pharmacy Rx Ordering, Clinical Decision Support Service for diagnosis & suggested treatment regimens)

Modeling and Simulation

- We model
 - Business Processes
 - Use Cases
 - Existing systems
 - Target systems
 - Various domains: Laboratory, Pharmacy, Emergency Medicine, etc. See FHIMS.ORG.



Program Management

- Business Strategy
- Project Management
- Risk Management
- Financial Management
- Requirements Management



What should the future hold?

Interoperability will bring to Healthcare benefits like eliminating the need for patient registration with each new healthcare provider and much more. Imagine video conferencing with your family doctor on line to get post op advice or prescription refills. Make appointments on line and see possible up front costs. Find discounts like you now do with travel sites.

- Provider controlled secure EHR data vaults
- Better reporting of drug reactions
- Doctor visits by interactive internet video conferencing
- On-line patient appointment scheduling
- On-line patient education & follow up

Links and Resources

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- www.JPSys.com
- www.OpenHealthTools.org
- www.HealthcareITInteroperability.com
- www.FHIMS.ORG