

Service-Oriented Architecture (SOA) and Web Services

are now standard practice in healthcare, not “bleeding edge”



AS HEALTHCARE INFORMATION EXCHANGE (HIE) INCREASINGLY TURNS TO SERVICE-ORIENTED ARCHITECTURE (SOA), PROVIDER ORGANIZATIONS CAN LEVERAGE ORCHESTRATE HEALTHCARE’S EXTENSIVE SOA EXPERIENCE WITH SYSTEMS UPGRADES, INTEGRATION, AND MORE.

- System Evaluations & Upgrades
- HIE via Web Services
- Scalable Architecture, Solutions, and Services

System Evaluations & Upgrades

Orchestrate Healthcare is at the forefront of systems upgrades (such as Sun Microsystems Java CAPS) that enable web services / SOA versions of interfaces and transactions. We have experience with

integration engines that are SOA-ready (and those that are not as well-equipped), as well as the add-ons that enable healthcare organizations to consume and publish web services and other SOA services. As such, we can assist you with the following:

- System Evaluations – integration engines, ESBs
- Upgrades – newer versions of solutions that are SOA-friendly
- Implementing Add-ons – adding SOA solutions to your stack of HIE technologies
- SOA Integration & Transaction Processing Efforts

HIE via Web Services

Many of your external trading partners, such as e-Rx or labs, are using web services versions for healthcare information exchange (HIE). Other trading partners like health plans / payors may have multiple connectivity options, with the ‘better’ solution increasingly being a web service (e.g. web services can access real-time connectivity to more up-to-date member eligibility databases, vs. traditional clearinghouse connectivity that costs more and returns lower quality data). As the number of trading partners increases and components of HIE (connectivity and

integration, transaction processing, and data governance) get more challenging, healthcare organizations are increasingly moving to SOA and web services. Orchestrate Healthcare has experience with HIE across a wide range of solutions and can help in areas like:

- Integration-as-a-Service (IaaS)
- Web Services Transactions
- Publishing and Consuming Transactional Information Services
- Trading Partner Management

Scalable Architecture, Solutions, and Services

Orchestrate Healthcare is committed to scalable solutions such as transferrable interfaces, adapters and components. SOA, web services and integration-as-a-service are key enablers of next-generation HIE, in large part because of this level of scalability and

transferability. Examples of the type of replicable information services that we can help develop, publish or consume include:

- Clinical Data Exchange (e-Rx, e-Lab, Continuity of Care Records)
- Payor-Provider Connectivity
- Revenue Cycle Transactions (e.g. integration of remits/835s into billing systems)
- HIE / RHIO Connectivity
- Data Governance and Data Quality Management
- Master Person/Patient/Provider Indexing (MPI)

Getting Started

Contact us today to discuss your HCIT projects and request a proposal.

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