

One patient, one view: The Clinical Portal solution from Carefx and IBM

Fusion Web™ for IBM WebSphere® software

Highlights

- Gives clinicians a consolidated view of a patient's clinical data, regardless of where the data resides
- Customizes functionality and views to clinicians' workflows and specialties
- Provides quick, easy access wherever clinicians need it, including their homes and offices
- Extends the life and value of legacy systems to maximize IT investments
- Streamlines inter- and intra-organizational integration with applications that comply with healthcare interoperability standards (including HL7 and CCOW)
- Integrates applications into workflow model utilizing a SOAP/Service Oriented Architecture approach
- Maintains data integrity and information security
- Shortens and simplifies implementation and time to solution
- Enhances physician alignment and satisfaction, providing competitive advantage in recruitment/retention

All the Clinical Data, All the Time

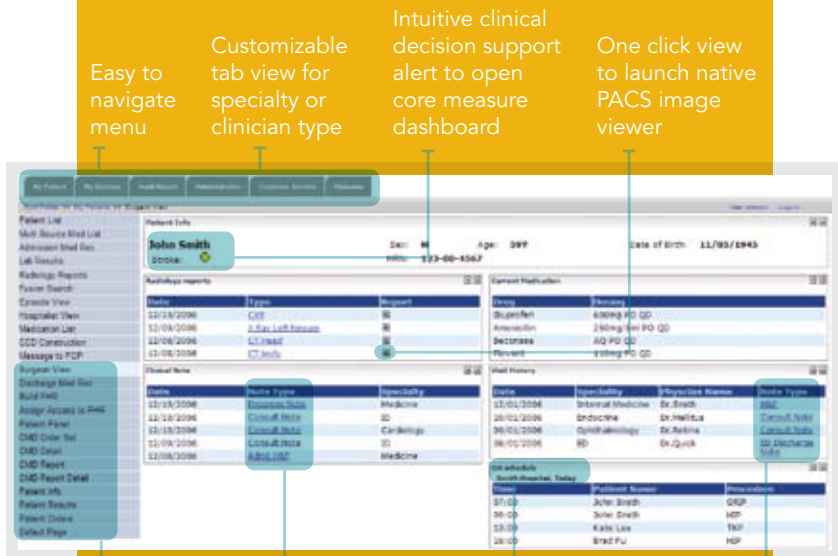
So many patients, so little information—such has been the challenge for clinicians seeking to provide informed care. Lack of data is not the problem. The problem is the location of that data in disparate systems and the resulting time-consuming access to it.

Clinicians need a unified view, across the enterprise, across the continuum, across the episode of care—despite disparate systems and differing locations. They need simple, fast anytime, anywhere access to relevant patient data, from relevant patient systems, in a form relevant to them.

To provide consistent, high-quality care, clinicians need the clinical portal solution Fusion Web™ for IBM WebSphere® software

The Power of Portals

Fusion Web™ for IBM WebSphere® software creates a web-based aggregation platform that presents data from multiple applications in a single portlet. It delivers flowsheet, graphics and calendaring views, email, messaging and clinical content sources and displays the information according to the clinician's workflow or specifications—regardless of the native system or the location of that system. The result: Clinically intuitive navigation that requires minimal training.



Easy to navigate menu

Customizable tab view for specialty or clinician type

Intuitive clinical decision support alert to open core measure dashboard

One click view to launch native PACS image viewer

Customizable view to meet workflow needs by specialty and care setting

Bring clinical notes from multiple sources and support one click view to save time

Incorporate workflow friendly information such as OR schedule in the same view to have better control of time

Incorporate visit information and notes from inpatient and outpatient systems, all done in federated data model

Key functions include:

- Enterprise-wide patient list
- Personalized views (surgeon, hospitalist, episode, etc.)
- Multi-source medication list
- Lab results
- Radiology reports
- Referring physician management
- Medication reconciliation
- Core measures dashboard
- Secure messaging
- Smart Search
- Personal health records

Technology Matters

The aggregation platform uses a standards based software stack that includes security, identity management, context management (HL-7 CMA/CCOW) and the JSR168/WSRP portlet and webpart standards.

The portlets and webparts allow delivery of libraries that take advantage of the rich functions in the portal framework. The portlet libraries include a SOA/Soap based data access layer that retrieves data from backend clinical systems with one to three second performance. The libraries include clinical views of Meditech, Eclipsys, Cerner, Epic, Siemens Medical Solutions, GE Healthcare and others. Content can be delivered to common browsers in a thin-client delivery model.

Unlike other solutions, Fusion Web™ for IBM WebSphere® software does not require data storage. Rather, it uses a high performance standards based query tool to aggregate data—in real time, at the user level—from the native databases of back-end systems (e.g. Cerner, Epic, Meditech).

In addition, the Fusion/WebSphere portal delivers a superior level of integration in a visual or virtual desktop with real-time, secure data access. It can compliment a CDR and a content repository, which are better for research and historical/retrospective data delivery.

The Carefx/IBM Advantage

Carefx is the leading provider of open and scalable interoperability solutions for healthcare provider organizations. IBM solutions for the healthcare industry bring together the extensive IBM portfolio of hardware, software and services to address the most prevalent challenges for clients in the industry. Together, Carefx and IBM have created a superior foundation for successfully creating a personalized, productive work environment for clinicians within your organization.

About Carefx

Carefx provides Fusion, an open and scalable patient information aggregation platform that transforms data in disparate applications into real-time, context-sensitive, clinically relevant views of information. For clinicians, Fusion provides a comprehensive summarization of data that parallels their care process. For IT, Fusion leverages legacy investments within an open architecture and improves user adoption and satisfaction.

For more information visit www.carefx.com

About IBM

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