


Fusionfx Interoperability Platform

The latest standards-based technologies to help you build the optimal framework for the future.

Consider what and whom to connect—people, departments, entities, communities. Consider why to connect them—better patient care, lower costs, higher profits and more efficient workflows. Consider how—a comprehensive redesign of how data is collected, grouped, targeted and shared. The Fusionfx Interoperability Platform.



Like most healthcare organizations, you have a varied collection of systems. They may work just fine alone, but your organization can no longer afford to. From internal meaningful use goals to external inevitabilities such as healthcare system reform, organizational viability depends on system interoperability. Forget about connecting them on your own.

Fletcher Allen Healthcare: Fusionfx provides 2000+ physicians, nurses and other clinical staff anywhere/anytime access to crucial patient information from multiple systems.

The future of healthcare is interoperability. Welcome to the future.

The Fusionfx Interoperability Platform uses the latest standards-based technologies and industry best practices to help you build the optimal framework for the future.

The Fusionfx Interoperability Platform is all you need to streamline your environment. Through its Service Oriented Architecture, intelligent workflow automation engine, and the various options for sharing data securely, the Fusionfx Interoperability Platform is today's smart approach to tomorrow's clinical data delivery.

Context management

Enabling the cognitive functions of clinicians, the Fusionfx Interoperability Platform allows a user to select a patient in one application and automatically remain with that patient's records when entering other applications. Eliminating the need to launch, log on, search, and re-select the patient in subsequent applications, context management technology saves time and is a virtual safety net for preventing errors. The further the user drills into an application (e.g., test, result, diagnosis, etc.) all context-aware applications drill down as well, in complete alignment with the user's requests.

Data federation

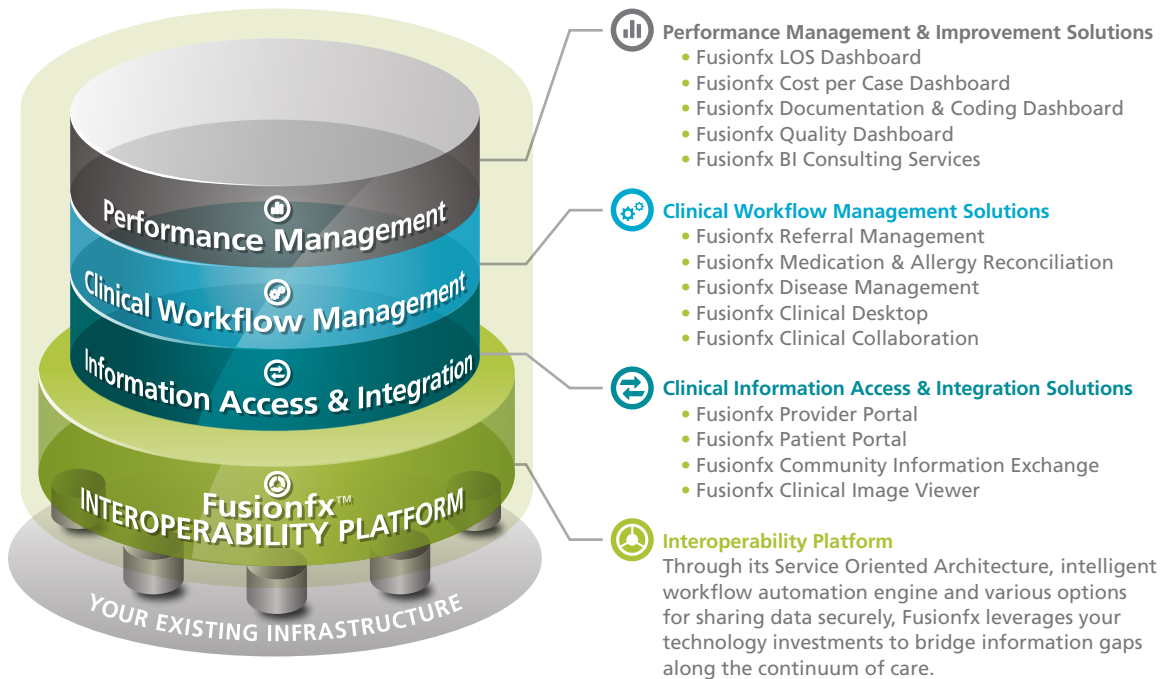
The Fusionfx Interoperability Platform joins data from heterogeneous sources, leaving the data in its original location—without creating data redundancy. The source data remains under the control of the source systems and is pulled on-demand for federated access—with Fusionfx, via a portal and other Fusionfx applications.

Application automation

Through our patent-pending application extension technology, the Fusionfx Interoperability Platform links with your native applications, watches them for changes, then communicates those changes to the context manager to facilitate the updating of context specific information (by patient, by encounter and by user, for example)—all without requiring any modification of the target application. The Fusionfx Interoperability Platform also automates user actions to navigate native applications to a specific screen and field, eliminating many mouse clicks and keystrokes.

Service Oriented Architecture (SOA)

Endlessly changeable as your institution grows and evolves, SOA allows your data and existing systems to be used, reused and combined in new ways to address changing tactical and strategic issues. It's all about cost, speed and security—SOA



provides a means to leverage your existing technologies and allows them to interoperate by creating a common access point for disparate data sources. It performs faster than traditional centralized data models because it is highly distributed, doesn't require data synchronization and relies on the integrity of the data source at the point of care. All of this translates to faster software development, quicker speed to solution and consistency.

Federated identity and access control

The vision of a health record spanning multiple healthcare providers requires identification and control of users, both inside and outside the healthcare institution. Using a federated identity solution eliminates the need to provision every user in the systems that will participate in a Healthcare Information Exchange. The Fusionfx Interoperability Platform provides robust, standards-based tools that federate identity and access control across a multitude of institutions, and usage policies that can be modified easily to control security levels extended to external sources.

Federated patient record access control

When data from multiple sources is aggregated or shared between institutions, determining access control rules can become quite complex. The Fusionfx Interoperability Platform simplifies the process by gathering patient and

provider relationships across all participating systems and managing how those identities and roles are captured and correlated. Your organization's privacy officer can build policies for allowing or denying access to protected information. The Fusionfx Interoperability Platform applies these policies in real-time to control where, how and to whom access is granted.

Secure messaging framework

The Fusionfx Interoperability Platform offers a secure messaging framework that sends data reliably and consistently between systems, platforms and users. Using industry-standard data exchange formats, security protocols and multi-protocol message brokers, the Fusionfx Interoperability Platform ensures that content is transmitted securely and audited appropriately to provide end-to-end governance on how data is shared both internally and externally.

Clinical document exchange

The Fusionfx Interoperability Platform provides a standards-based solution for the interchange of CDA clinical documents. Fusionfx provides the CDA document builder, shredder, XDS repository, document directory and PIX/PDQ solutions to meet your clinical results exchange needs.

About Carefx Corporation

Carefx supports healthcare organizations in achieving their vision of advancing the quality and safety of patient care delivery through its Fusionfx suite of interoperable workflow solutions. Fusionfx streamlines and simplifies clinical and business workflow and connects care providers to the information they need—where, when and how they need it. By managing care transitions and information gaps between diverse systems, departments and facilities, Fusionfx delivers crucial patient information with speed, efficiency and logic.

Carefx supports more than 700 hospitals, health systems and health information exchanges (HIEs) across North America and Europe.



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