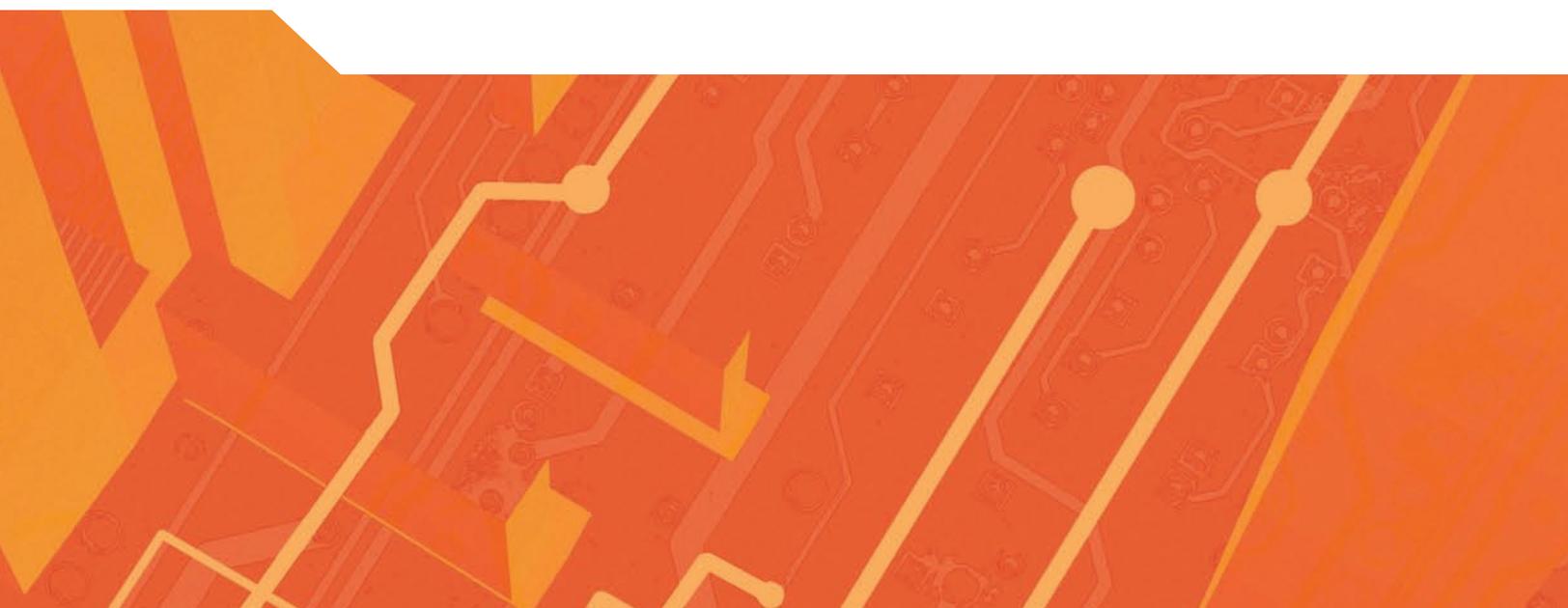# MEDICITY

Application Overview

The clinical interoperability company

The Interoperability Imperative

To ensure the timeliness and quality of care, clinicians must receive accurate information quickly. For nearly a decade, Medicity has helped healthcare organizations integrate their clinical systems—across departments, across enterprise locations, and across communities—to electronically transform and route clinical data to the context in which it is needed. As a result of this work, Medicity has developed a full set of software applications designed to support interoperability among clinical systems of every vendor, version, and variety.

Medicity builds software solutions aimed at improving information access. Whatever your plans for improving clinical dataflow, Medicity has a tailored solution. We have built a range of commercial software components that can be configured and assembled to meet both your business goals and your technology objectives, regardless of your current vendors or system environment.

Our software components comprise **two branded categories—**
the **MediTrust Clinical Interoperability Platform** *and*
the **ProAccess Clinical Application Suite**.

MediTrust
Clinical Interoperability Platform

MediTrust DataStage

The centerpiece of the platform is the DataStage—a staging and environment where data persistence is determined by policy. The environment may serve as a temporary cache or as a full electronic health record (EHR) capable of maintaining longitudinal data from clinical systems throughout an enterprise or a community. Much like a commercial warehouse, the DataStage facilitates the storage, packaging, and delivery of information from production systems to consumer systems where data must be merchandised for consumption.

Regardless of the form in which it arrives, data is written to the DataStage in a patient-centric format that preserves the ranges of the resulting system. From the DataStage, patient information can be queried or automatically routed to users or other systems.

The DataStage can also serve as a repository of clinical orders, accumulating order details and brokering them between systems.

MediTrust MP^{3}I/EMP^{3}I/CMP^{3}I
Indexing Services

The MP^{3}I utility automates the task of reconciling patient, provider, and payor information each time data is acquired by the MediTrust platform. Where ambiguity exists, the MP^{3}I identifies it for manual adjudication. Medicity's matching technology is patented, using algorithms that are tailored to the data source rather than conglomerated in a single, centralized matching formula that must accommodate every contributing system.

MediTrust Nexus Engine and Manager

The primary function of the Nexus Engine is to queue, manage and translate messages between systems. Nexus hosts business rules and services that process message content, generate user alerts, trigger routing routines, and other similar operations.

MediTrust Nexus includes an optional Nexus Manager that can give interface monitoring capability to clients and business partners, allowing them to re-queue messages, and to start or stop the interface as required.

MediTrust EMR Gateway

Working with EMR software vendors, Medicity has developed the MediTrust EMR Gateway to distribute clinical data into EMRs. The Gateway consists of a library of software services, web services, and web parts—intelligent, interactive UI components—that vendors can embed into their applications to add functionality ranging from order initiation to complete order management. The roster of participating vendors is growing daily.

The Gateway also includes an extensive library of demographic interfaces into practice management systems designed to collect current patient demographics for accurate and billable clinical orders.

MediTrust Record Locator Service

The MediTrust Record Locator Service (RLS) is a utility for organizations and communities that want to share data but do not want to create a central data repository. The RLS indexes information that passes through the MediTrust platform and keeps meta-data descriptors so it can be retrieved by electronic query at a later date.

MediTrust Payor Gateway

Payors seeking to improve the electronic acquisition of clinical data will benefit from the MediTrust Payor Gateway. As payors undertake initiatives to influence both the quality and cost of healthcare, Medicity offers a solution for gathering real-time clinical information that payors can use to generate clinical alerts, monitor pay-for-performance plans, and improve case management of chronic conditions.

The MediTrust clinical interoperability platform is an essential and flexible infrastructure to integrate systems within an enterprise or interoperate with systems outside the enterprise. It also establishes a foundation for new clinical workflow that can improve the timeliness and quality of care.

ProAccess

- PCS
- OMS
- ProScribe
- CMS
- Mobile

MediTrust

Self Service Administration

Nexus Engine and Manager

EMR Gateway

Payor Gateway

MP³I/EMP³I/CMP³I Indexing Services

Record Locator Service

DataStage

The MediTrust clinical integration platform gives healthcare organizations a solid foundation for improving the flow of clinical information and the enhancement of clinical workflows. Medicity's ProAccess clinical application suite offers a complete product vision for providers and their practices—a vision that accommodates personal preference, clinical context, and differences in technological sophistication. For more information and a demonstration tailored to the issues in your organization, contact a Medicity sales person.

ProAccess PCS

Medicity's desktop clinical application is a web-native application engineered to be an effective solution for the broad clinical marketplace. ProAccess PCS give providers easy navigation to the patient clinical information they need, regardless of their location. Users can choose between data-rich inpatient and ambulatory patient views. ProAccess PCS offers innovative new features, like "hover over" capability to expand data sets without having to navigate to another page.

ProAccess PCS is the parent application for other useful modules like Electronic Signature and Break Glass, designed to improve clinical workflow. Because ProAccess PCS is a web application, it is available from any internet-connected device with a standard browser, giving clinicians unprecedented access to patient information when and where they need it.

ProAccess security features are designed with the flexibility to enforce organizational security policies. Administration of digital identities and user rights can be delegated to organizations or departments. Configurable logs track user activity and access for audit purposes.

ProAccess PCS can be the basis for improved patient care and workflow improvements that begin to lower the overall cost of delivering quality patient care.

ProAccess OMS

ProAccess OMS allows providers to place orders electronically into the clinical systems (lab, radiology, pathology, etc.) and manage those orders until they are resulted. Global ordering, which gives providers a single place from which to initiate orders, also gives them more reason to use the application.

ProAccess ProScribe

ProAccess ProScribe is Medicity's e-prescribing solution designed with a broad list of features that make it powerful, yet convenient to use. Convenience is key to provider adoption. ProScribe is both RxHub and SureScripts certified so prescriptions can be electronically routed to almost any pharmacy in the country. Certification also gives prescribers access to current medication history. ProScribe improves the safety and lowers the cost of prescriptions with drug-drug, drug-allergy, and formulary checking. Tightly integrated within the ProAccess clinical application suite, ProScribe is one more reason for clinicians to use your provider portal.

ProAccess CMS

Employees, patients, and consumers each have a stake in healthcare organizations. They all have reasons to visit the hospital website to access information resources from the hospital. As an early vendor of healthcare portal technology, Medicity has installed content management solutions at hundreds of hospitals around the country. Our portals for these constituents are built on an open source framework, allowing budget constrained CIOs to put their resources into usable applications rather than expensive content management infrastructure.

ProAccess Mobile

ProAccess can also be deployed as a mobile solution using the Windows handheld platform of your choice. ProAccess Mobile gives users many of the best features of the desktop application with the convenience of a palm-sized device that moves with the provider.

Medicity delivers expert advice and world-class products aimed at clinical data integration and interoperability of disparate clinical systems.

MEDICITY

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