



Altera.
DIGITAL HEALTH

Building Better Healthcare



Altera Digital Health Inc. global healthcare IT provider, we develop technologies to connecting and inspiring healthier communities worldwide.

With a global footprint spanning more than 15 countries across five continents, includes 1,900 facilities that use one of solutions and more than 32,000 beds, we empower caregivers and inspire healthier communities through cutting-edge technologies.

Our Mission :

- » Advanced world-class clinical solutions proven in the global healthcare industry that help your clinicians deliver high-quality patient care.**
- » A single patient record across all care venues to give your clinicians a holistic view of their patients' medical histories.**
- » Open platforms that support sharing critical patient data across the care continuum, enabling digital innovation.**
- » Systems built with Human-Centered Design methods that streamline workflows and improve healthcare experiences for both patients and providers.**



Our Solution



**Streamlining
workflows
Improving
patient
safety.**

Altera Context (CareFX)

Altera Context delivers clinicians intuitive and rapid access to all authorized applications—streamlining patient selection and workflow.

The HL7 CCOW standard-based technology automates access to patient-centric information across disparate applications.

Patented application extensions enable non CCOW applications to participate within the platform without requiring modifications to native applications.



Features



Synchronization

Implements the CCOW standard for synchronization of user and patient



Security

Integrates into most single sign-on solutions, including Imprivata One-Sign



Automatically launches healthcare applications and synchronizes context objects

Clinicians select a patient in one application and Altera Context navigates to relevant information in all other applications.



Workstation efficiencies

Implementations include physical workstations, remote workstations and virtual workstations via Citrix or VMware.



Patented application extension technology

Monitors, updates and communicates context-specific information without requiring any modification of the target application

Benefits



Automate access to patient-centric information across disparate applications.



Minimize time-to-patient data.



Leverage secure integration into most single sign-on solutions.



Drive workstation efficiency.



Gain access to patented application extension technology.



Increase user satisfaction through improved workflows.

Outcomes we deliver



- **Increased Productivity** by ~ 20% with fast and efficient logon and patient selection.
- **Enhanced Quality of Care and Patient Safety** by increasing positive patient ID.
- **Reduced Investment Costs** by leveraging your existing applications and infrastructure.
- **Increased User Satisfaction** through improved workflows.



dbMotion™ Solution
Safer, smarter and
more efficient care
across an ICS

dbMotion

The dbMotion™ Solution is a data aggregation and interoperability platform that helps organizations succeed in delivery system reform and the shift to value-based care.

With dbMotion, the organization can integrate discrete patient data from diverse care settings, regardless of IT supplier, into a single patient record.

dbMotion provides a longitudinal patient record with semantically normalized data, point-of-care tools and an analytics gateway.

This reduces the cost of care delivery, enables physicians to provide more informed patient care and drives clinical outcomes.



Key features



Single record across the continuum

Get an organized, comprehensive and actionable record with real-time patient data across disparate EHR systems and the broader care community.



Semantic interoperability

dbMotion has a demonstrated ability to organize disparate data and translate vocabularies between EHR systems.



Normalized data for smarter analytics

dbMotion's semantically harmonized patient records are a critical driver for analytics modules.



Carequality connection

Reach a nationwide registry of healthcare providers through Carequality and securely access and share C-CDA documents in real time.

Key Features



Make historical data available in new systems

Extract historical data from a former EHR system and seamlessly make it available within a new EHR system.



Access patient data during EHR downtime

In the event of unexpected EHR downtime, dbMotion Patient View provides physicians with access to their patients' data, offering your organization an additional layer of protection for unforeseen events.



Hosted in the cloud

The cloud-based solution offers the same capabilities as the on-premises version, but with a subscription model that lowers costs for upgrades, reduces the need for IT resources, and enables faster implementation. The dbMotion solution ensures world-class connectivity, efficiency, scalability, and security.



FHIR-based data exchange and bulk data API

dbMotion offers a standardized FHIR R4 API for data retrieval, enabling external systems to easily connect and retrieve harmonized data from your organization through a modernized and standardized API.

Outcomes we deliver



Enable faster access to data

UPMC uses dbMotion to enable providers to have quick access to patient data and helped surrounding hospitals share clinical outcomes by connecting employed, lightly affiliated and loosely affiliated clinicians.



Harmonize data

Inland Empire Health Plan uses dbMotion to harmonize data capture, enabling RBH providers to access consolidated patient information within their existing workflows and in their preferred formats.

The organization used dbMotion to create a harmonized view of the population to then find high risk patients.



Reduce emergency visits and costs

Fraser Health uses dbMotion to enable the clozapine program, reducing hospitalization and emergency visits and resulting in an 80% savings, or about \$30,000 per patient.



Increase patient satisfaction

Manitoba eHealth uses dbMotion to connect care facilities and increase patient satisfaction, with clinicians reporting a reduction in time spent searching for patient information.



Migrate a large volume of data into a new system

PIH Health leveraged dbMotion's capabilities to successfully extract historical data of 2.3M pieces of clinical documentation from its former EHR and seamlessly made it available within the Sunrise™ EHR system. This enabled complete medical histories of patients and provided cost-saving benefits.

Benefits



Clinicians make more informed decisions about patients.



Save time as clinicians spend less time searching for patient records.



Reduce number of adverse drug events as clinicians have access to better quality information.



Decrease cost of readmissions as higher quality care is delivered the first time.



Achieve higher quality clinical outcomes.



Improve clinician satisfaction.



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dbMotion™ Agent Hub

dbMotion Agent Hub identifies clinical information residing outside the provider's native EHR and delivers it directly into the clinician workflow.

Drawing from the dbMotion interoperability platform, dbMotion Agent Hub automatically brings in additional information from other systems, including critically important information, like labs, vitals, allergies and medications.



eLink™

Scalable,
Secure,-
Seamless

Altera eLink™

Altera eLink™ is a high-performing, scalable, EHR-agnostic enterprise integration engine that enables secure bi-directional connections among applications, creating a fully integrated health information infrastructure.

eLink

How Altera eLink™ Can Help!



Building interfaces using templates

Pre-built templates for routing, batch, database calls, Web Services, HTTP, Web Client, TCPIP, FTP, SFTP, shared directory, and data transformations (HL7, JSON, XML, proprietary formats).



Leveraging an intuitive user interface

Visual workflow with monitoring for better productivity.



Using end-to-end message tracking & comparison

Side-by-side message view for faster troubleshooting.



Achieving a low total cost of ownership

New interfaces created at no additional cost.



Automating alerts & easy troubleshooting

Proactive email alerts and visual workflows for quick navigation.



Supporting reliability & high availability

Stable engine with endless scalability & continuity during downtime.



Efficient monitoring

Centralized view for all interfaces and messages.

AVAILABLE TEMPLATES

- ✓ Protocols
 -] Directory Input
 - [→ Directory Output
 - [→ FTP Client
 - [→ HTTP Client
 -] SFTP Input
 - [→ SFTP Output
 - [→ TCP Client
 -] TCP Server
 - [→ WebServiceClient
- ✓ Database
 - ⚙ Data Lookup
 -] Data Poll
 - ⚙ Data Query
 - [→ Data Write
- ✓ Other
 - ⚙ Debatch
 - ⚙ Default
 - ⚙ Mapper
 - ⚙ Router
- ✓ Components
 - ⚙ Advance Mapper
 - ⚙ Batch
 - [→ TCP Client Component
 -] TCP Server Component
 - [→ Web Client
 -] Web Receiver
- ✓ Queues
 - 📦 Queue

Key features



Visual workflow

Configurable templates supporting synchronous and asynchronous workflows.



Advanced Mapper

Transform HL7 v2/v3, XML, JSON, FHIR, C-CDA, CSV, EDI, Text, or proprietary formats.



Web services

Secure connections to HIEs for sharing patient data.



Integrated interface testing & message properties

Validation, editing, replay, and property saving.



Monitoring, error management, & automated alarms

One-stop web portal for interface analysts.

Key features



Healthcare standards

Supports HL7 v2 & v3, FHIR, C-CDA, XML, JSON, CSV, EDI, Text, and proprietary formats.



Authentication and security

Multi-factor authentication, role-based access, and password controls.



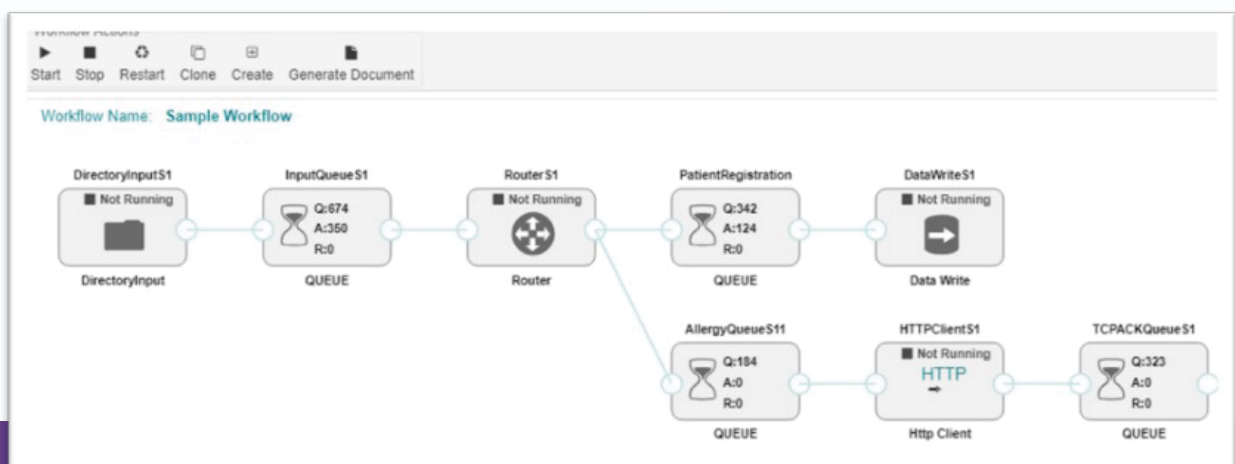
Auditing and logging

HIPAA-compliant auditing and extensive logging.



Disaster recovery

Synchronous replication and intuitive failover.




Outcomes we deliver



- **Eases the burden** of managing and modifying workflow.
- **Improves workflow** for caregivers and enhances patient care quality.
- **Supports faster access** to new innovations with easily deployed interfaces.
- **Minimizes downtime impact** with high availability and reliability.
- **Improves support** with responsive dashboards and real-time monitoring.

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