

The dbMotion Solution

/Core Solutions

The dbMotion™ Solution is an interoperability platform to help organisations succeed in delivery system reform and the shift to value-based care. With dbMotion, the organisation 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 harmonised 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.

How dbMotion helps

Make data actionable regardless of where it came from

dbMotion harmonises data to make it more actionable and the dbMotion™ EMR Agent employs semantic grouping technology, making dbMotion the leader in complex medical ontologies.

Integrates with clinician workflows

With dbMotion, organisations can connect their EMR to the broader community—even Carequality—to display information within the native workflow.

Leverage data no matter where it is

dbMotion is an EMR-agnostic, flexible and interoperable platform.

Key Features

- **Get actionable data in the workflow**—Aggregate and harmonise relevant clinical data, family history and other risk factors for individual patients and present that data directly within native EMR systems.
- **Single record across the continuum**—Get an organised, comprehensive and actionable record with real-time patient data across disparate EMR systems and the broader care community.
- **Harmonised data for smarter analytics**—dbMotion's semantically harmonised patient records are a critical driver for analytics modules.
- **Semantic interoperability**—dbMotion has a demonstrated ability to organise disparate data and translate vocabularies between electronic medical record (EMR) systems.
- **Hosted in the cloud**—The cloud-based solution offers the same capabilities as the on-premise 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.
- **Search the data you need**—Quickly locate key information across clinical documents through advanced search capabilities, efficiently selecting the information most relevant to clinicians.

Challenges we address

- **Safer and more efficient care**—Customers want a platform that enables healthcare organisations and exchanges to meaningfully integrate and leverage their information assets to improve quality, safety and efficiency.
- **Multiple, disparate EMRs**—dbMotion is an effective way for organisations to connect the multiple electronic medical records (EMRs) in their environment and access data throughout the community. It also connects to the broader clinical community as a part of Carequality.
- **Sharing data at the point of care**. Organisations would like to get data in the clinician's native workflow, so the clinician can use that data to make more informed decisions and improve patient outcomes.

"We're very proud of being the first and only country to implement such a solution in a national way. It's a critical information system that our doctors can't imagine being without."

Ludovic Abraham, Chief Technology Officer, Clalit Health Services

"Seamless connectivity between unrelated health systems—through a hospitalisation data exchange platform—reduces duplicative tests, delays in care and administrative overhead costs associated with paper-based chart requests. Interoperability is the foundation of a well-functioning and efficient electronic health record system."

Dr. Kristian Feterik, eRecord Medical Director, Interoperability, UPMC

Outcomes we deliver

- **Enable faster access to data**—UPMC used dbMotion to enable providers to have quick access to patient data and enabled surrounding hospitals to share clinical outcomes by connecting employed, lightly affiliated and loosely affiliated clinicians.
- **Harmonise data**—Inland Empire Health Plan uses dbMotion to harmonise data capture, enabling RBH providers to access consolidated patient information within their existing workflows and in their preferred format. They used dbMotion to create a harmonised view of the population to then find high-risk patients.
- **Reduce emergency visits and costs**—Fraser Health used dbMotion to enable the clozapine program, reducing hospitalisation and emergency visits and resulting in an 80% savings, or about \$30,000 per patient.
- **Increase patient satisfaction**—Manitoba eHealth used dbMotion to connect care facilities and increase patient satisfaction, with clinicians reporting a reduction in time spent searching for patient information.