

## Health Information Exchange

### Background

Huntington Memorial Hospital, located in Pasadena, California, is a non-profit, community-based medical center providing acute medical care and community services to the San Gabriel Valley and nearby communities. The 635-bed hospital is a world class destination for the treatment of epilepsy, prostate cancer, robotic minimally invasive surgery and bariatric surgery.

### About Huntington Memorial Hospital

- 635 bed not-for-profit acute care hospital in Pasadena, CA
- The only Level 2 Trauma Center in San Gabriel Valley
- Partnered with 1000+ community physicians
- Cerner EMR (2014) + dbMotion HIE (2011)

### The Challenge

Why a community approach to care collaboration? Every 10 days providers in the surrounding community see as many patients as HMH sees in 1 year. With 100+ disparate systems, and no integrated view of patient information across the care continuum, inefficiency resulted in the patient/caregiver interaction due to lack of information. Caregiver time was wasted searching for information and clinical decisions were made only with information that could be located. This minimal information-sharing resulted in compromised relationships with affiliate.

### The Solution

The Allscripts Community Solution powered by dbMotion™ was implemented to integrate and aggregate data into meaningful, actionable information. dbMotion leverages and integrates with

existing systems within current clinical workflows. dbMotion incorporates essential data including demographics, diagnoses, problems, allergies, medications, clinical notes, microbiology results, laboratory test results, documents, discharge summaries and more.

Adding to the safe, high quality health delivery provided for more than 117 years, Huntington Health eConnect connects and enable care collaboration between healthcare providers and across multiple EHRs adopted by the more than 3,000 physicians serving 1.3 million residents across the San Gabriel Valley.

Huntington Hospital sought to leverage dbMotion for its health information exchange needs, aggregating and combining data from disparate sources.



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Connecting disparate data sources to dbMotion as part of Huntington Hospital's eConnect solution required me to look to Galen to augment the resources I already have. Galen's ability to assist me and my team with the dbMotion HIE connectivity has been invaluable, and has kept our project timelines on target.

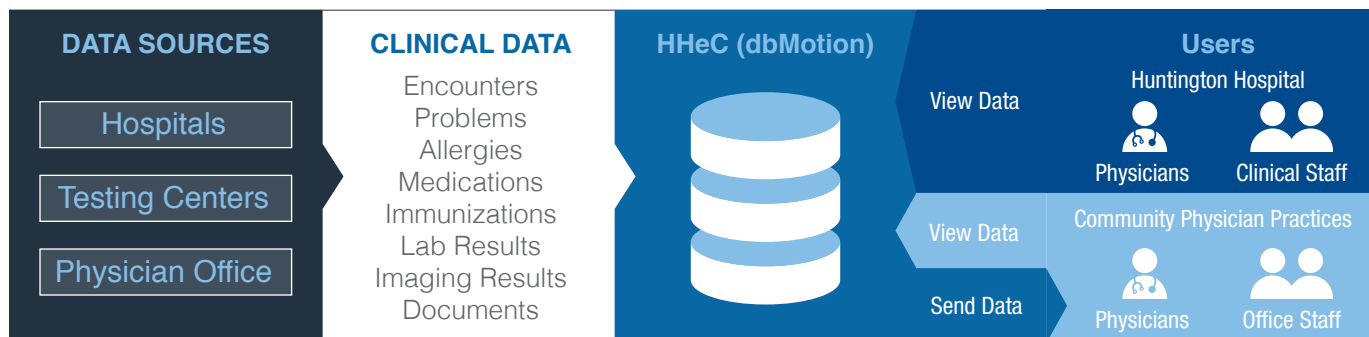


Figure 1. Huntington Health eConnect Data Flow Overview



Figure 2. Results Delivery (Kinexus) Data Flow Overview

## Cerner dBMotion Integration

Huntington Memorial Hospital partnered with Galen Healthcare Solutions to connect their Cerner Millennium EMR as a data source feeding dBMotion.

### Galen Services Provided:

- Facilitated flow of messages from Cerner and other data sources into dBMotion.
- Analyzed confidentiality, demographics, hierarchical relationship of records in dBMotion.
- Investigated and resolved patient matching issues within Initiate EMPI.
- Assisted with aliasing of orderable and result codes as part of Cerner Millennium EMR build.
- Aided the HIE audit of ~100 practices connected to the dBMotion HIE to ensure HIE access compliance for >1000 users.
- Supported the transition from Allscripts Kinexus 2.0 (Microsoft Biztalk) to Allscripts Kinexus 3.0 (Inner Harbor Connexion).

## Galen Value Delivered:

- Enabled more robust Initiate EMPI & dBMotion community solutions.
- Supported semantic harmonization through implementation and mapping of nomenclatures and vocabularies across communities

## Huntington Memorial Hospital Current Initiatives

- Medicare Shared Savings Plan (MSSP) Accountable Care Organization (ACO)
- Using data to improve quality and monitor costs
- Vivity = Anthem Blue Cross + 7 So. California Hospitals in a new partnership model to deliver the best, more affordable health care and an integrated member experience.
- Comprehensive Care for Joint Replacement (CJR)