



## Health Information Exchange Provider Deploys Unique Regional Data-Access Solution

“With Amalga, we can manage queries across massive volumes of data, helping providers to improve patient care and helping our organization to become a full-service regional network.”

Dr. Edward Barthell, Executive Director, ED Linking Project, Wisconsin Health Information Exchange

### Business Needs

When patient medical records are distributed across hospitals that do not electronically share data with one another, it can be a challenge to coordinate patient care. To address this challenge, the Wisconsin Health Information Exchange (WHIE) decided to develop a system that would respond to queries by aggregating data from multiple sources and presenting it to clinicians in a clear and timely fashion.

### Solution

After evaluating several products, WHIE selected Microsoft® Amalga™, the Unified Intelligence System, based on its architectural flexibility, robust ability to respond to complex queries from clinicians, and availability as a hosted solution. Working with a consortium of Milwaukee healthcare providers, state and county government agencies, and the Wisconsin Hospital Association, WHIE implemented the initial phase of the system (known as the ED Linking Project) for emergency-department clinicians at three area hospitals.

### Benefits

Through the ED Linking Project, the first system to use Amalga in a health-information exchange environment, users will be able to access an automatically generated view of a patient's past medical history when the patient presents for care. As a result, WHIE expects to deliver improvements in the following areas:

- Care coordination
- Clinical decision making
- IT and clinical cost efficiencies
- Avoidance of redundant testing
- Reduction of medical errors

WHIE expects these benefits to extend to a total of 3,000 users at 11 area hospitals and additional outpatient clinic facilities by 2009, when the ED Linking Project is slated for completion.

### Fast Facts

**Company:** Wisconsin Health Information Exchange

**Web Site:** [www.whie.org](http://www.whie.org)

**Number of Employees:** 3,000

**Country or Region:** United States

**Industry:** Healthcare

### Company Profile

The Wisconsin Health Information Exchange is an evolving non-profit provider of health-information exchange services to regional safety-net and healthcare organizations.

### Software and Services

- Microsoft Amalga

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