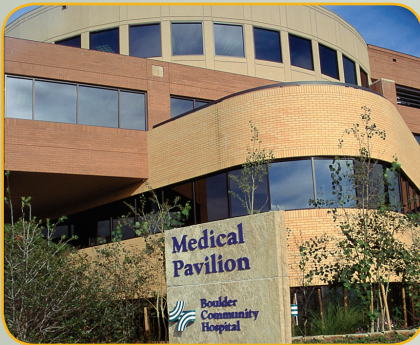# Client Success Story

Boulder Community Hospital

Leveraging Summit Healthcare's Express Connect and Provider Exchange Technology to Integrate with CORHIO Health Information Exchange Powered by Medicity

Boulder Community Hospital

CLIENT

Boulder Community Hospital
Boulder, CO

CHALLENGE

Searching for a streamlined approach to integrate with the Colorado Regional Health Information Exchange (CORHIO) Medicity platform.

SOLUTION

Partnership with Summit Healthcare as a single vendor providing integration technology and services to meet HIE objectives.

RESULTS

• 1st live HIE Adopter in the State of CO

• Streamlined integration with CORHIO and its HIE technology partner, Medicity

• Bi-directional integration with MEDITECH and physician office systems

PROFILE

Boulder Community Hospital (BCH) is a locally owned and operated not-for-profit health system dedicated to providing local access to high quality medical care and meeting the evolving healthcare needs of Boulder County citizens. Licensed for 265 beds, BCH is widely recognized for its clinical excellence in cardiology, neurology, orthopedic, cancer treatment and rehabilitation. The BCH system includes two acute care hospitals, two major outpatient centers, 12 affiliated PCP clinics, 11 other physician clinics, and 14 lab and imaging centers located across Boulder and Broomfield counties More than 600 physicians in 48 different medical specialties have privileges at BCH. BCH has MEDITECH as their primary (HCIS) healthcare information system, and successfully migrated to MEDITECH 6.0 in the fall of 2009.

CHALLENGE

Boulder Community Hospital had entered into a major HIE integration project with the state of Colorado taking on a complex and aggressive timeline, to integrate its systems with the Medicity platform, the CORHIO's HIE technology partner. Additionally, the hospital had plans for a second phase of integration with CORHIO, to further connect with the community through bi-directional integration for orders and results with CORHIO's physician offices and clinics.

SOLUTION

After previously partnering with Summit Healthcare for its integration services as the hospital underwent its MEDITECH 6.0 migration, the hospital's experience with Summit proved to be a valuable commodity. Currently the Summit Express Connect interface engine was acting as the hub of the hospital's information network with multiple vendor systems in place and a total live interface count of 65, including bi-directional communication with physician offices. With the stability and success of their current integration strategy it was a clear choice to again select the Summit Express Connect interface engine to manage the hospital's system integration with the Medicity platform.

As BCH looked to move toward their second phase of implementation, they would then leverage the Summit Provider Exchange technology to facilitate bi-directional integration for orders and results with their physician offices and clinics.

> "*A major HIE integration project of this kind can be a very complex undertaking and it requires strong leadership and the right tools to be successful,*" said **Susan A. Clark, RHIA, Sr. Project Manager and Privacy Officer, CORHIO.** "*Boulder Community Hospital's integration partner, Summit Healthcare, came to the project well-prepared. With their technology and deep MEDITECH integration experience, we were easily able to integrate Boulder Community Hospital's systems with the Medicity platform.*"

RESULTS

HIE INTEGRATION

With the integration toolset in place, Boulder Community Hospital was able to seamlessly integrate its systems with CORHIO and its HIE technology partner, Medicity while meeting the ambitious timeline goals set for the project. Data was easily transmitted from their MEDITECH systems via the Summit Express Connect interface engine in five areas – admissions, lab and microbiology results, blood bank and pathology results, transcription reports and radiology reports – marking BCH as the first live HIE adopter in the state of Colorado.

PROVIDER OFFICE INTEGRATION

To expand its collaboration with CORHIO, Boulder Community Hospital had an aggressive phase two implementation plan, in which the hospital leveraged Summit Provider Exchange to facilitate bi-directional integration for orders and results with physician offices and clinics. The hospital has been very successful with this effort; two of the highlights being BCH's support of Rocky Mountain Cancer Centers and longstanding

strategic partner Boulder Medical Center.

As a community hospital dedicated to providing access to better medical care and meeting the growing healthcare needs of Boulder County, BCH can leverage the Summit Provider Exchange bi-directional integration tool to further connect with CORHIO and other providers throughout the community regardless of their EMR system.

ENHANCED COORDINATION WITH STATE

One great benefit of Boulder Community Hospital's participation in this CORHIO HIE project was strengthening the hospital's working relationship with the state which ultimately lead the way for enhanced healthcare coordination.

As an early adopter in the HIE project with CORHIO and Medicity, Boulder Community Hospital established the benchmark in the state for how rapid, seamless integration can be done. The hospital's impressive progress opened up doors for other opportunities as well. BCH will be the first hospital to order infant screening and receive lab results with the Colorado Department of Public Health via CORHIO. Additionally, BCH kicked off inbound orders with Medicity to ensure that CORHIO integrated practices can place and fill orders electronically and that these processes meet the HL7 standards. BCH plans to implement the Continuity of Care Document with CORHIO in 2012.

> "*Our experience working with Summit Healthcare to connect Boulder Community Hospital to CORHIO could not have been better,*" said **Chris Konen, HIE Program Director, Medicity.** "*Summit Healthcare's suite of tools is well-suited for integrating with our technology platform. Not only was the Summit team very technically competent, they also understood the business drivers behind the HIE effort and were there whenever we needed them.*"

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LOOKING AHEAD

With integration engine technology acting as a delivery tool for data exchange between the Hospital, Physician Offices, Public Health Agencies and HIE's; Boulder Community Hospital has begun laying the foundation for interoperability and is well positioned to achieve meaningful use- stage 1.   With the success of the CORHIO integration and their bi-directional integration with physician offices, BCH is well on their way to delivering rock solid, integrated healthcare.

"We knew after working with Summit Healthcare on our successful MEDITECH 6.0 migration, that they were a different class of vendor and that they were the partner to help us spearhead our efforts with CORHIO," said **Linda Minghella, Chief Information Officer, Boulder Community Hospital.** *"Summit gave us the human resources and industry expertise we needed to meet the ambitious goals for this HIE project. Summit Healthcare's unbelievably fast response time and tools made our path to integration with CORHIO fast, simple and cost-effective."*

SUMMIT HEALTHCARE

Summit Healthcare is the choice of hospitals and providers who want to take full control of their healthcare systems integration and information management requirements. Since 1999, we have worked to provide the industry with the most flexible integration technology with complimentary tailored services and solutions.

Summit Healthcare continues to grow and has over 1,000 customers in the healthcare market, including close partnerships with complementary technology partners, major system integrators, and value-added resellers. For more information, visit http://www.summit-healthcare.com or call 781-519-4840.

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