Overview

Health Catalyst is a mission-driven data warehousing, analytics, and outcomes improvement company that helps healthcare organizations of all sizes perform the clinical, financial, shared risk, and operational reporting and analysis needed for population health and accountable care outcomes improvement. Health Catalyst’s proven enterprise data warehouse and analytics platform, combined with clinically-rich applications and organizational implementation services, helps improve quality, adds efficiency, and lowers costs in support of more than 50 million patients across the United States.

Health Catalyst Delivers Results Using These Core Solutions:

- An agile, iterative Late-Binding™ Data Warehouse architecture and platform specifically designed for healthcare.
- Analytics tools and clinically-rich applications optimized to identify and improve the most important clinical, financial, operational, and shared risk opportunities within any health system.
- Organizational implementation services proven to help systematically structure, prioritize, and deploy continuous improvement processes across the organization for meaningful, lasting outcomes.

FAST FACTS

- Founded in 2008
- Headquartered in Salt Lake City, Utah
- 300+ employees
- Backed by Sequoia Capital, Norwest Ventures, Sorenson Capital, Kaiser Permanente Ventures, CHV Capital, Partners HealthCare, and HB Ventures
- Data warehouse and analytics applications used to improve quality and efficiency, and lower costs for more than 2,000 clinics and 200 hospitals ranging from some of the largest U.S. health systems to progressive physician practices
- $155 billion+ in care delivered annually by client hospitals and clinics

REAL RESULTS

Health systems have improved care and saved millions in cost with Health Catalyst solutions:

- Length-of-stay reductions ($10.46M)
- Reduced readmissions ($5M)
- Reduced 30-day HF readmissions by 29%
- Improved proportion of patients receiving optimal stroke care by 25%
- Reduced surgery costs by 19%

SCALABILITY

Using an agile, healthcare-specific data model, Health Catalyst addresses needs for a range of system types:

- IDNs, academic medical centers, children’s hospitals, payer organizations, smaller hospitals, and physician groups/clinics.

PROVEN EXPERTISE

The Health Catalyst leadership has more than 500 years of combined experience in healthcare data warehousing at organizations such as Intermountain Healthcare and Northwestern University Medical Center.

WHY PARTNER WITH CATALYST?

“I look back on my career, and meeting Health Catalyst and introducing them to Stanford and working with them was probably one of the best decisions I’ve made over the years.”

- Carolyn Byerly, Stanford Hospital and Clinics CIO in interview with healthsystemCIO
Platform applications include tools and shared frameworks that are used by multiple analytics and improvement applications. These applications enable users to build cohorts of patients, attribute patients to providers, and design various risk and prediction models.

The Health Catalyst data warehouse architecture is based on a Late-Binding™ data model developed originally in the U.S. military. It avoids the pitfalls of other more common data models.

Source Marts are the data acquisition and storage subsystems of the Health Catalyst system. They support the optimized extraction, transformation, and loading of data from source systems.
Advanced Applications

Advanced Applications consist of evidence-based starter sets that support and accelerate cross-functional clinical process improvement teams. Starter sets contain detailed and customizable cohort definitions, aim packets (to help focus improvements), and clinical/operational workflow documentation and metrics—all based on thorough reviews of clinical literature. Starter sets will enable clinical improvement teams to focus on customizing existing knowledge assets to their organization rather than having to start with a blank canvas. Health Catalyst also provides a cross-functional team of clinical and technical resources that can help clients accelerate implementation and deployment of analytics-driven clinical improvement programs. To learn more about our analytics applications, visit www.healthcatalyst.com/analytics-applications/.

POPULATION HEALTH & PATIENT INJURY PREVENTION APPLICATIONS*

*Enabling clinical quality improvement teams to focus their efforts and accelerate data-driven care transformation aligned with literature-supported best practices.

- Population Explorer
- Readmission Explorer
- Cohort Builder
- Sepsis
- Congestive Heart Failure
- Community Care
- Asthma—Pediatric
- Appendectomy—Pediatric
- Breast Milk Feeding
- Catheter-Associated Urinary Tract Infections (CAUTI)
- Central Line-Associated Bloodstream Infection (CLABSI)
- Surgical Site Infections (SSI)

OPERATIONAL EFFICIENCY & PERFORMANCE MONITORING APPLICATIONS*

*Enabling operations leaders and improvement teams to focus on specific goals around increased operational and workflow efficiencies, standardization, and waste reduction.

- Practice Management Explorer—Patient Access
- Practice Management Explorer—Professional Billing
- Patient Experience Explorer
- Labor Management Explorer
- Patient Flow Explorer
- Pediatric Reporting—Patient Safety
- ACO Measures (see Accountable Care)
- Regulatory Reporting Provisioning

ACCOUNTABLE CARE/SHARED RISK APPLICATIONS*

*Enabling organizations to better understand patterns and trends associated with high-cost patient populations to support value-based care initiatives.

- ACO Explorer
- Leakage and Referrals Explorer
- PMPM Analyzer
- Bundled Payments
- Network Optimizer
- ACO Measures
- Key Process Analysis (claims based)
- Population Explorer (claims based)

FINANCIAL APPLICATIONS*

Supporting the measurement needs of healthcare finance departments with a focus on aggregated network analysis.

- Revenue Cycle Explorer—Hospital
- Revenue Cycle Explorer—Professional
- Financial Management Explorer
- General Ledger Explorer
- Revenue Cycle Discharged Not Final Bill (DNFB)—Advanced App
- Billing Compliance Dashboard
- CORUS—Activity Based Costing

TRANSLATIONAL RESEARCH APPLICATIONS*

Supporting the needs of academic research, as well as translating that research into actual clinical practice.

- De-identified Cohort Builder
- De-identified Population Explorer
- Research Assessment Tool
- Study Recruitment Toolset

*This list features only highlighted applications and doesn’t include all available applications. Health Catalyst has many solutions and is interested in developing new applications to meet your needs. Please let us know what you need so we can best support your success.
Awards

- Recognized by the World Economic Forum as one of 24 Technology Pioneers

- Named as one of the Best Companies to Work for by Utah Business Magazine

- Recognized by Healthcare Informatics as a 2013 Up-and-Comer

- Named one of the Red Herring Top 100 North America Award Winners for 2014

- Awarded Highest Score from KLAS in the Healthcare Analytics Platform Category

- Received Highest Score Overall in the 2013 Clinical Analytics for Population Health Market Trends Report from Chilmark (Score: A-)

- Named “Cool Vendor” for 2013 by Gartner

- Took Top Honors in “Data Analytics” Category as well as an Overall Award of “Best in Show: Best Problem-Solver” at the Fierce Innovation Awards Celebration

- Recognized as TDWI’s 2013 Best Practice Winner of the Enterprise Data Warehouse Category

- Named one of the Best Places to Work in Healthcare in 2013 and 2014 by Modern Healthcare

- Named a Member of the Inc. 500/5000 Magazine

Visit the Knowledge Center

Ready to learn more? Get deeper, detailed information in the ever-growing Health Catalyst Knowledge Center. Discover useful best practices, examples, advice, how-to guides, articles, and videos from experts on many subjects.

Learn more. Search by author or topic at: www.healthcatalyst.com/knowledge-center/