



Analytics as a service for digital care

Healthpointe’s true cognitive artificial intelligence in healthcare, powered by Dell Technologies

Most healthcare organizations are swimming in a sea of data without the ability to leverage real-time insights, be predictive or deliver personalized care. Point solutions continue to provide value, but frequently do not integrate with other solutions and systems. It is often difficult to aggregate, match, analyze and extract value from captured data as much of it remains in silos – resulting in an incomplete picture of an organization and the opportunity to optimize decision making with insights. This means that care providers might be missing opportunities to improve clinical outcomes, optimize efficiencies, and lower costs.

Analytics can increasingly help detect patterns in information, delivering actionable insights and enabling self-learning systems to predict, infer, and conceive alternatives that might not otherwise be obvious. These analytics-driven insights are likely to play a major role in helping health organizations improve costs and quality, identify and better treat at-risk populations, connect with consumers, and better understand the impact of health interventions on health outcomes.

DELIVERING PRESCRIPTIVE AND ACTIONABLE INSIGHTS

By using artificial intelligence (AI) and machine learning (ML) technologies, healthcare organizations and payers can connect disparate data to deliver improved clinical, operational and economic outcomes. For example, care providers can use these AI technologies to examine the relationships between data points to not only deliver new insights but also deliver performance analytics that enable organizations to holistically and seamlessly predict and coordinate care—ensuring the right care at the right level and the right place.

BENEFITS OF HEALTHPOINTE SOLUTIONS FOR CLINICAL PERFORMANCE ANALYTICS (CPA), POWERED BY DELL TECHNOLOGIES

1

Convenience for Healthcare Payers:

Works with existing analytics processes or dynamically with Cognitive AI, to support clinical effectiveness, program performance and risk management of networks and health improvement initiatives creating better outcomes and return on investment.

2

Efficiency for Facilities and Providers:

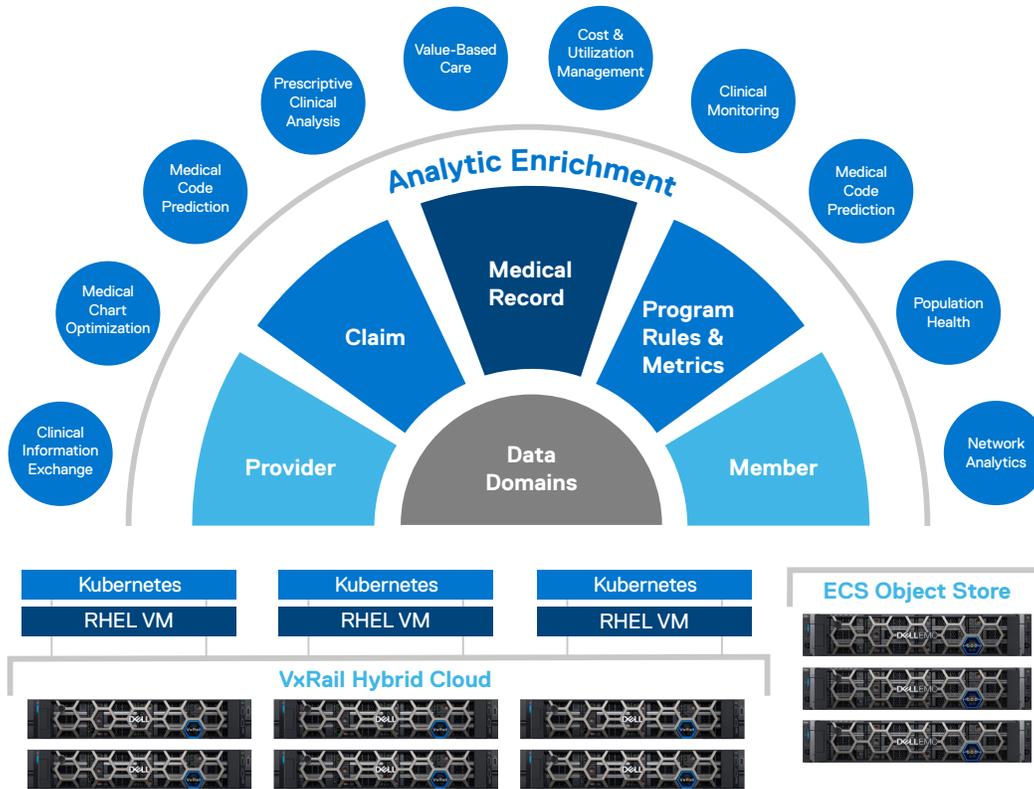
Enables faster time to insights for decision making, supports structured and unstructured data sources, and gives an accurate picture of workflow effectiveness beyond simple data-driven reports.

3

Support for Consumers:

Moves value creation from insights alone to actions and accountability, makes clinical decisions transparent and easy to understand and aligns clinical monitoring to treatment recommendations for health improvement.

HEALTHPOINTE SOLUTIONS AND DELL TECHNOLOGIES: HYBRID CLOUD SIMPLIFIED



HealthPointe Solutions helps an organization move to true business performance by correlating insight across the entire organization and providing actionable recommendations to drive results.

1. Clinical information exchange: Integrates with all workflows to support overall value creation through the advanced use of clinical decision sciences.

2. Enriched data: Provides informed insights into the processes that make businesses run at peak effectiveness. Highlights a complete profile of health for the target populations assuring appropriate care.

3. Cognitive clinical insights – Brings actionable intelligent recommendations to all stakeholders that can be trusted.

A modular library of analytics allows for incremental deployment aligned to business needs.

4. Connected library of APIs – Library of real-time application programming interfaces (APIs) for system interoperability with clinical workflows reduces administrative burdens and drives business performance.

5. Predictive and prescriptive insights: Action-based alerts provide foundation not just to insights but ongoing monitoring of critical processes for better clinical and financial outcomes.

HEALTHPOINTE HYBRID CLOUD ANALYTICS-AS-A-SERVICE TURNKEY SOLUTION, POWERED BY DELL TECHNOLOGIES

HealthPointe Solutions are modular, AI-driven analytics that don't simply provide insights, but the actions needed to drive performance improvement across both your internal and vendor-driven clinical solutions. Clinical Performance Analytics (CPA) brings in all relevant data (unstructured and structured), tracks program focal points, compares progress against goals, and highlights key milestones leading to improved strategic decision making. The solution returns timely, full, enriched insights that includes actionable recommendations so you can gain strategic advantage from your data.

Dell Technologies strives to help health technology leaders drive innovation through cost-effective yet highly scalable technologies. We provide the infrastructure and managed services in partnership with HealthPointe Solutions' CPA to provide a cloud-like solution on-prem or in a co-lo on Dell hybrid cloud infrastructure. CPA out-of-the-box analytics provides caregivers and payers the clinical understanding that aligns to the medical standards that support care coordination, pre/post discharge planning, durational population health, and quality improvement initiatives – while driving consistency across all departments and locations and reducing the time to actionable insights.



CPA from HealthPointe Solutions, powered by Dell Technologies, helps accelerate insights by providing actionable intelligence to key business and clinical leaders to ensure informed decision-making and organization-wide adoption from trusted analytics. The solution is operated and managed within HealthPointe Hybrid Cloud, connecting analytics processing to Dell Technologies enterprise data stores. The impact of working with this Dell Technologies partnership includes:

- ♦ **Clinical Interoperability:** Connect inside and outside your organization to expand data harvesting - followed by cleaning, standardizing and enriching the data to analytic effectiveness
- ♦ **Clinical Excellence:** Out-of-the-box clinical and administrative cognitive analytics with healthcare context to drill to key drivers
- ♦ **Actionable Insights:** Dynamic triage monitors entire population in- and outside of your internal delivery system
- ♦ **Modernized Architecture:** Leverage modern architecture to drive to timely results across the entire organization
- ♦ **Reduced Analytic Lag Time:** Reduced time to insights for clinicians within the course of care, as well as organizationally for budget forecasts

- ♦ **Performance Monitoring:** Ongoing program effectiveness measurement and review – including actionable recommendations that improve business performance
- ♦ **Modular Analytics:** Start with a single analytic to demonstrate value; simply flip a switch to add new analytics
- ♦ **Speed to market:** 90 to 180-day launch vs 18 months to first insights for most organizations

SHIFTING TO PREDICTIVE HEALTH WITH COGNITIVE AI SOLUTIONS

CPA from HealthPointe Solutions, powered by Dell Technologies, is an Analytics-as-a-Service turnkey solution that allows for the measurement and monitoring of the overall value of healthcare business, financial and clinical processes. It allows for the generation of dynamic dashboards, providing workflow plug-ins to existing electronic medical records (EMRs), and leveraging both business intelligence (BI) and application-based user experiences .

Modular, interactive analytics, powered by Cognitive AI, measure and monitor the overall value of business, financial and clinical processes in real-time so that the care team can focus on scheduling treatments, coordinating care, and delivering on quality improvement goals. Cognitive AI solutions move clinical decision from reactive to proactive, bringing care providers one step closer to delivering on the promise of big data analytics in healthcare.

Learn More about our solutions for healthcare.

Contact a Dell Technologies Solutions Expert.



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