Population Health Management Enterprise Solution
A Comprehensive Suite of Solutions for Improving Care and Managing Population Health

The need to securely integrate disparate data sources (clinical and administrative) across the healthcare continuum — with the goal of improving patient care, enhancing the health of populations and reducing cost — is unprecedented. Legislative initiatives and regulations aimed at these goals are bringing new reimbursement models (and transparency around clinical performance) into sharper focus. Achieving quality improvement and sustaining it across large patient populations is becoming virtually mandatory in light of healthcare reform and economic realities.

To successfully tackle these issues, health plans, accountable care organizations (ACOs), government programs, and other healthcare organizations are working to improve data integration, analytic intelligence, and operating performance. The end goal is the ability to efficiently manage care and transitions of care across all points of patient interaction, to expand and improve process coordination through new care delivery models, and to better optimize resource utilization.

Why Health Plans Need Unify
Health plans are facing increasing pressures and new demands, such as:
- Extraordinary amounts of electronic medical record data to handle and analyze
- Commercial ACO and shared-savings pilots
- Provider-sponsored HIEs
- Clinically integrated networks
- Patient-centered medical homes

Truven Health Unify management tools are designed to help you tackle the new realities of the industry.

With Truven Health Unify, you can achieve:
- Clinical data integration
- Comprehensive population health risk management
- Patient-specific analytics across the continuum of care
- Physician performance monitoring
- Combined payer services and care management analytics
- A single, inclusive care management system
- Efficiency in health and performance management

The Challenge of the Population Health Movement
All of the above has helped push to the forefront the population health movement — an initiative that emphasizes connecting related components of the clinical workflow and disparate data sources across the care continuum — most of which have evolved in isolation of each other. Claims-based decision support systems, electronic medical records (EMRs), clinical data repositories, care management workflow solutions, and patient engagement content and applications are all examples of this.

The challenge in today’s healthcare ecosystem is efficiently integrating siloed health information systems to function in a unified manner that supports effective decision-making to improve patient outcomes and enables leaders to manage populations as a whole — while also reducing operational costs.

Truven Health Unify™ — Challenges Met
In response to critical and timely industry needs, Truven Health has partnered with CareEvolution to offer Truven Health Unify™, a comprehensive solution for data management, care management, and population health and risk management.

Truven Health Unify encapsulates everything we have been doing with population health innovation for more than 30 years. The solution efficiently acquires data from disparate data sources and applies standards-based transformation methodologies (mapping, terminology standardization, patient linking, etc.) to harmonize the data. It then enhances the data using proprietary analytical methods to build intelligence that drives analytical insights and improvements back into the clinical workflow for continuous operational improvement.

Unify’s advanced methodologies deliver both retrospective and prospective analytics and reporting. Proven medical episode groups and
physician attribution capabilities will strengthen analytical views and improve the value of standard reporting, dashboards, and ad-hoc studies. The end result is actionable analysis that enables patient-centered decisions to be made quickly and with confidence. Unify addresses today’s most important areas of need—population risk management, provider network management, clinical outcomes management, patient care management, and patient engagement.

Unify is foundational to:
- Connecting disparate clinical and administrative data sources
- Harmonizing data to empower clinical decision support and advanced analytics
- Coordinating care under new business models
- Enabling new physician strategies
- Providing insights to better control costs
- Responding to regulatory requirements
- Engaging consumers to manage their health
- Driving data to support population health management

With Unify, you can develop a comprehensive view across a hospital, health system, region, or member population, helping you to identify key patterns. This knowledge can help improve care coordination, achieve quality compliance, and make decisions that will improve clinical operations, reduce waste, and enhance financial performance.
The Unify Solution

The integrated suite of Unify applications is a series of modules designed to benefit not only business and clinical leaders, but also clinicians, care managers, and patients. This highly flexible, modular design means our solutions can be tailored specifically to meet your needs; you choose the components needed to achieve your goals.

Wherever you are in the population health journey, we’re here to help you meet your immediate and long-term demands — growing with you every step of the way.

For Business Leaders —
Unify Performance
For healthcare managers and executive decision-makers, the Unify Performance module delivers effective, cohesive population risk analytics to serve both population health management and network management.

Unify can be used to monitor ACO or network performance, including per-patient (or member) per-month medical and drug costs, per-episode costs, and physician performance per patient. Easily review usage and referrals, and use the comprehensive data for network planning and contract negotiations/management. This tool can be critical to ongoing provider collaboration, as well.

Savvy leaders are also using Unify Performance to inform ROI analysis, patient marketing campaigns, and many other areas of performance management — all to help reach financial, operational, utilization, and clinical excellence.
Above left and right: Our solution allows you to focus on key clinical conditions with superior analytics driven by the Truven Health Medical Episode Grouper.

Above: Flexible reporting allows users to analyze the different components of performance, cost, and utilization.

The Unify Experience
Above: A longitudinal, real-time patient record provides an unprecedented opportunity to improve care.

Left: Providing personalized information in patient communications can greatly increase adherence to recommended care guidelines.
Unparalleled, Flexible Data Platform

Foundational to the Unify solution is a proven data management platform. The data management platform provides a highly configurable, off-the-shelf system that will easily align with your HIT strategy today and for the future. It employs a robust, service-oriented architecture (SOA) to enable heterogeneous data sources to share information in a secure, standards-based, and reliable manner. The data management platform is designed to scale up and out while maintaining flexibility, providing for rapid system deployment, minimizing system maintenance cycles, and realizing investment longevity. Core network services include security and data integrity management, terminology standardization, patient discovery and linking, identity verification, and audit and logging. Collectively, these services provide a complete picture of care and advanced decision support for care managers through a centralized data repository.

Why Truven Health

When it comes to Big Data in healthcare, no one else has the proven capabilities and 30 years of experience that Truven Health brings to the table. Because of that experience, we have a fail-proof analytic chain of trust. Our precision and sensitivity in handling data means that we can be relied on to produce clinically-derived results that are accurate, reliable, and secure — every time.

In addition, we are an independent, objective partner who can seamlessly connect data integration, predictive analytics, surveillance, and advisory services into a single set of service offerings.

Our large-scale benchmarking capabilities allow us to connect local insights from clinical and administrative data to true national, regional, and peer comparisons, and our understanding of both payer and provider analytics makes us unique in providing offerings that connect the “colliding worlds” of payment reform.

Finally, our nationally recognized thought leaders define best practices when it comes to population health. That means when you choose Truven Health, you choose world-class expertise with a trusted partner.

Let Truven Health help your organization with:

- Operations management
- Tech support
- Consulting
- Program evaluation
- Relationship management
- Data warehousing

Our strong analytic foundation is what enables superior decision support capabilities across the entire continuum of care.
ABOUT CAREEVOLUTION
CareEvolution is a leading provider of secure interoperability solutions. Its core offering, HIEBus™, is a proven, comprehensive suite of SOA technology solutions for healthcare interoperability. Standards-based core network services and certified web-based applications enable healthcare providers, regional exchange initiatives, and health plans to implement patient-centric quality and efficiency initiatives across the care continuum. A suite of optional applications leverage the comprehensive longitudinal patient health information in HIEBus™ to drive clinical integration, care coordination, real time dashboards, medication reconciliation, disease surveillance, advanced analytics, and multi-center observational data research. For more information, go to http://careevolution.com/.

ABOUT TRUVEN HEALTH ANALYTICS
Truven Health Analytics delivers unbiased information, analytic tools, benchmarks, and services to the healthcare industry. Hospitals, government agencies, employers, health plans, clinicians, pharmaceutical, and medical device companies have relied on us for more than 30 years. We combine our deep clinical, financial, and healthcare management expertise with innovative technology platforms and information assets to make healthcare better by collaborating with our customers to uncover and realize opportunities for improving quality, efficiency, and outcomes. With more than 2,000 employees globally, we have major offices in Ann Arbor, Mich.; Chicago; and Denver. Advantage Suite, Micromedex, ActionOI, MarketScan, and 100 Top Hospitals are registered trademarks or trademarks of Truven Health Analytics.

For More Information
Send an email to populationhealth@truvenhealth.com or visit truvenhealth.com/campaigns/unify/

Who Can Benefit From Unify?
- Health Plans
- Accountable Care
- Organizations (ACOs)
- Hospitals and health systems
- Medicaid agencies
- Health Information Exchanges (HIEs)
- Group practices
- Hospital and State associations