caradigm

# A Population Health Company

Caradigm is a healthcare analytics and population health company dedicated to helping organizations improve care, reduce costs and manage risk. Caradigm analytics solutions provide insight into patients, populations and performance, enabling healthcare organizations to understand their clinical and financial risk and identify the actions needed to address it. Caradigm population health solutions enable teams to deliver the appropriate care to patients through effective coordination and patient engagement, helping to improve outcomes and financial results.

The key to Caradigm analytics and population health solutions is a rich set of clinical, operational and financial data delivered to healthcare professionals within their workflows in near real time. This data asset serves as the foundation for a growing number of innovative healthcare applications developed by Caradigm and industry partners, providing rapid incremental value to customers.

## A Broad Definition of Population Health

Caradigm addresses a broad definition of population health, one that focuses not only on the high-risk patients who generate the majority of healthcare costs, but also on the preventive and chronic care needs of every patient. Without enough providers to care for every patient continuously, healthcare organizations require automation to carry out a large number of routine, time-consuming tasks.

Caradigm solutions enable organizations to continually identify, assess, and stratify patient cohorts so that they can facilitate the role of care teams, manage patient populations more effectively and efficiently, drive better outcomes, and reduce overall cost, as demanded by value-based reimbursement. Caradigm saves organizations the time and money necessary to make population health achievable and economically feasible.

## Core Capabilities for Effective Population Health Management

To succeed in population health, organizations need four core capabilities—data control, healthcare analytics, care coordination and management, and wellness and patient engagement.

### Data Control

Data control is the first step to effective population health management, and one often overlooked by organizations. To gain insight into patients, populations and performance—and take the actions to improve—organizations need to leverage near real-time patient data from across the community.

The Caradigm Intelligence Platform aggregates and normalizes patient data from disparate systems—including electronic health records (EHRs), enterprise data warehouses (EDWs), billing systems, pharmacy systems, claims administration systems, labs and health information exchanges (HIEs)—and delivers timely information to providers within their workflows when they need it. By combining clinical and claims data, the platform delivers a comprehensive, longitudinal view of each patient to providers, which enables the best decision making possible.

Leveraging patient data to improve population health presents new identity and access management (IAM) challenges for healthcare organizations. They need to find a way to enable clinicians to rapidly access the information they need to improve care and at the same time monitor patient privacy, identify access risk and meet compliance requirements.

## OVERVIEW

### Our Mission

Caradigm's mission—to solve healthcare's greatest challenges through innovation—originated from the shared vision of our founding organizations, GE Healthcare and Microsoft. According to that vision, the key to transforming healthcare lies in the industry's ability to tap the power of data. Opening up access to the vast amount of clinical, financial and administrative data stored in separate systems across the healthcare community—and making it useful to healthcare providers at the right time—will enable a new level of insight and knowledge, and ultimately, drive breakthroughs in the quality and outcomes of care.

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Built exclusively for healthcare, Caradigm IAM solutions address these challenges. Caradigm's IAM portfolio includes Provisioning, a role-based identity management solution; Single Sign-On, which enables clinicians to use a single set of credentials to access different applications; and Context Management, which gives clinicians automatic access to the right patient record as they move among applications.

### Healthcare Analytics

The rich asset of clinical and claims data delivered by the Caradigm Intelligence Platform opens up a new world of analytics that is essential to achieving desired results in a complex healthcare environment defined by too many challenges, too many patients and too few resources to sustain the traditional episodic-based care model.

Healthcare analytics drives a new approach to patient care by enabling organizations to understand the clinical and financial risk of populations for which they're accountable, and to initiate the actions needed to manage that risk. Performing analytics using clinical and claims data, organizations can gain deep insight into patients, populations and performance; predict outcomes, and rapidly identify the actions needed for improvement.

Spanning retrospective review, ongoing surveillance, risk stratification and predictive modeling, Caradigm analytics solutions deliver the business and clinical intelligence to generate insights and drive better decisions.

### Care Coordination and Management

Care coordination and management represent the broadest set of capabilities required to support population health. To improve population health, care teams need built-in workflow tools that allow them to more easily collaborate across different settings. They also need the ability to efficiently identify patient candidates for program enrollment and use evidence-based care pathways to drive consistent care.

The Caradigm portfolio enables the effective coordination and management of healthcare events, which leads to higher patient satisfaction and lowers overall cost of care. Caradigm™ Care Management leverages aggregated information to identify candidates for program enrollment and enable care managers to assess individual patient conditions, personalize a plan of care and manage that plan across the community.

In conjunction with the Caradigm Intelligence Platform, the application marries care pathways with an aggregated, cross-community patient record that presents the provider with the most relevant information in one place. Healthcare organizations can streamline management of patient populations and more easily apply evidence-based medicine.

### Wellness and Patient Engagement

Patient engagement is a key component in managing the health and wellness of populations. The influence of patients' lifestyles and behaviors on positive health outcomes has five times the influence compared to efforts of providers or health plans. Healthcare organizations need to engage patients for smoother recovery from health episodes, encourage informed patients to select appropriate treatment options, and promote ongoing self-management.

Caradigm solutions facilitate wellness and patient engagement to promote healthier lifestyles for patient populations. These advanced solutions are highly automated to avoid adding overhead costs and administrative time, integrate with clinical and financial systems, and deliver necessary capabilities to patients.

## ABOUT CARADIGM

### Company

- Formed June 2012 by GE Healthcare and Microsoft
- Private joint venture
- Headquarters: Bellevue, Washington
- 500 employees

### Solution Areas

- Population Health
- Healthcare Analytics
- Identity & Access Management (IAM)

### Geographies

- North America
- Europe
- Middle East
- China
- Australia and New Zealand

### Customers

- 1,400 hospitals
- Data managed for 175M patients
- More than one million IAM users

Any descriptions of future functionality reflect current product direction, are for informational purposes only and do not constitute a commitment to provide specific functionality. Timing and availability remain at Caradigm's discretion and are subject to change and applicable regulatory approvals. Caradigm makes no warranties, express or implied.

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