Pragmatic...
Elegant...
DISRUPTION
for Healthcare Transformation

www.PrimeDimensions.com

Prime Dimensions offers capabilities and expertise to guide the adoption of digital health, information technology infrastructure and related services for value-based payment models, such as the Quality Payment Program (QPP) under the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA). Our services are designed to accelerate deployment of analytics-based solutions that facilitate value-based payments and achieve the following goals:

- Healthcare transformation and redesign of care delivery in the most appropriate settings
- Reduce avoidable hospital utilization, including ED visits, re-admissions and length of stay
- Improve population health, care coordination and patient engagement
- Create a more cost-effective, efficient delivery system with improved outcomes
- Ensure access to quality care for underserved populations
- Provide actionable information and insights at point-of-care ensuring appropriate clinical interventions
- Improve, redesign and extend care delivery to promote financially sustainable healthcare systems
- Exceed future standards of care, patient satisfaction and provider expectations

Urgent Imperative: Must Act Now

Value-based payment models are designed to award incentive payments to healthcare organizations (HCOs) for meeting quality and performance targets based on patient-specific and population-wide measures. To be successful and competitive, stakeholders must share data and utilize analytics for: (1) risk stratification and identification of high cost/high risk patients using predictive models; (2) performance monitoring and evaluation of key quality measures; (3) development of longitudinal patient records; and (4) establishment of market-based models for bringing greater price transparency, measuring variation in cost and quality, and delivering predictable outcomes.

Through digital health solutions, such as telemedicine, remote patient monitoring and clinical decision support tools, HCOs must embrace the era of evidence-based and precision medicine, adopting platform solutions for cognitive computing, machine learning and artificial intelligence. At the same time, HCOs must also address fragmentation of care delivery and variations in quality, outcomes and cost across hospitals, and improve transitional care for the chronically ill, ensuring that patients get the right care at the right time, while avoiding unnecessary duplication of services and preventing medical errors.

Value-added Results

Our services accelerate the path toward a unified analytics platform, virtualized data environment and application programming interfaces (APIs) to connect multiple internal and external IT systems for monitoring, reporting and analysis of key performance metrics. We offer the following expertise to streamline information exchange among stakeholders:

- Deploying innovative, cost-effective solutions to collect, integrate, and analyze data across disparate provider and payer sources

- Resolving the disjointed, fragmented data environment that creates high latency and other inefficiencies
- Developing real-time point-of-care clinical applications, enabled by cloud computing, mobile devices and the emerging Fast Healthcare Interoperability Resources (FHIR) specification
- Applying cross-boundary, cross-domain data governance to accelerate innovation and improved time-to-value of analytic applications

Roadmap for Successful Implementations

Our approach begins with performing an architecture assessment and developing a strategic roadmap that describes the steps that HCO needs to take to achieve stated outcomes and goals. It clearly outlines links among activities and priorities the over near, medium and long term horizon. The roadmap is intended to support the development of enabling capabilities, including data integration, data access, data distribution services, application development platform and reporting/dashboards, moving toward an event-driven architecture (EDA) that effectively integrates relational, non-relational and streaming data.

Our methodology includes an assessment of the current state with regard to each of these functions, as well as workforce and organizational readiness. The roadmap will be developed in collaboration with HCO executive team, who will identify performance targets, pathways, priorities and time frames for the assessment, demonstration, design, development, and deployment of solutions. We will conduct targeted interviews and facilitated sessions with key stakeholders to evaluate and prioritize high value use cases that serve as a basis for framing the solution, conveying value and quantifying return-on-investment. This effort will yield enhanced collaboration, understanding and agreement among stakeholders. The roadmap defines a specific pathway for achieving the desired future state in a specified timeframe, and it addresses potential risks, related to

technology, stakeholder participation, budget or regulatory limitations, organizational constraints or other barriers to success.

Summary

Through pragmatic, elegant disruption, Prime Dimensions is prepared to assist HCOs in adopting digital health solutions to streamline value-based payments and operational improvements. Digital health, care delivery redesign and analytics-based solutions will improve patient outcomes by having better visibility into all dimensions of healthcare delivery, thereby exceeding the goals of better quality and outcomes and lower costs.

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Pragmatic: approaching problems sensibly & realistically
Elegant: pleasingly ingenious & simple