Explorys EPM Application Suite

*SaaS-based solutions for healthcare transformation*

**Highlights**

- SaaS-based applications that enable rapid population management, performance, and measurement
- Identify opportunities, measure performance towards objectives, and engage providers, care coordinators, and patients
- Bridge the data gap across each venue of care and an increasingly diverse delivery model
- Robust attribution engine for aligning providers to panels and performance metrics

**Enterprise performance management (EPM) healthcare big data put to work**

Explorys EPM Application Suite is a set of Software-as-a-Service (SaaS)-based applications designed to enable rapid population management, performance measurement, and effective engagement and outreach to patients and providers.

**Overview**

Explorys, an IBM Company, is transforming healthcare with one of the industry’s first protected, cloud-based Enterprise Performance Management (EPM) platforms that harness big data. Explorys provides reporting, business intelligence, data analytics, and population performance management across the continuum of care. Explorys applies the power of massively-parallel data processing to help save lives and make healthcare more affordable.

**The Explorys Network**

The Explorys Network consists of 26 leading healthcare networks comprising over 315 billion data elements, 50 million unique cared-for-lives, 360 hospitals, and over 317,000 providers. This expansive “learning network” enables collaboration and collective intelligence that drives discovery into newer and improved models for care delivery and quality.
The Explorys Platform

The Explorys Platform is one of the industry’s first super-scale private cloud computing framework for healthcare data exploration, measurement, and engagement. The platform is a combination of provider network, super-scale technology, and prescriptive programs for healthcare transformation. This combination helps providers to bridge the data gap across each venue of care and an increasingly diverse delivery model. The Explorys Platform includes security-rich data collection, curation, and governance necessary for operating in complex collaborations as well as a state-of-the-art attribution engine for aligning providers to panels and performance metrics.

The Explorys Platform also unifies and enables apps, both from the Explorys EPM Application Suite and third parties, to deliver powerful insight into at-risk populations, provider performance, and addressable risk for managing even better outcomes and costs.

The Explorys EPM Application Suite

The Explorys EPM Application Suite is a set of Software-as-a-Service (SaaS)-based applications designed to enable rapid population management, performance measurement, and effective engagement and outreach to patients and providers. These applications were built to easily identify opportunities, measure performance toward objectives, and engage providers, care coordinators, and patients.

Designed for off-the-shelf use, these applications were built to run on standard web browsers and utilize industry standard user interfaces and security mechanisms within a healthcare compliant framework.

Population and performance management

Effectively managing patient populations and care teams is core to quality improvement and cost reductions. The rising costs of healthcare and the demand for better outcomes drives an expectation among payers and patients for providers to more effectively leverage their data to improve quality, delivery, and patient satisfaction.

EPM: Explore<sup>™</sup> provides sub-second ad hoc search across populations, providers, and care venues. EPM: Explore enables clinicians, quality officers, analysts, and researchers to search, compare, and analyze correlations across billions of data points in your enterprise or the universe of participating systems in the Explorys Network.

EPM: Measure<sup>™</sup> application is an integrated framework for correlating billions of clinical, operational, and financial events into action-driven benchmarks and scorecards for comparison at the enterprise, department, provider, and patient levels. Designed to serve multiple roles and audiences within a healthcare organization, EPM: Measure enables senior leadership, quality officers, care coordinators, and individual providers to establish benchmark targets, view historical performance against those targets, and take action based upon specific information.
EPM: Measure includes a set of Starter Pack templates and data visualization features such as historical trend lines, comparative bar graphs, and motion charts that provide a multidimensional representation of data to reveal trends and correlations in performance. Users can edit or create their own measures using the flexible Explorys Measure Definition Language (MDL). Starter measure categories include health and wellness, operational metrics, and disease management for diabetes, heart failure, hypertension, and coronary artery disease.

EPM: Registry™ is an integrated framework for producing criteria-defined patient lists accompanied by extensive clinical, financial, and operational data. EPM: Registry allows you to quickly identify your target population and view data that empowers decision-making and risk stratified care management. Explorys’ flexible attribution models, business-rules engines, and sorting and filtering functions allow registries to be defined as broadly or narrowly as necessary to fit your operational needs.

EPM: Registry displays a matrix of rows (patients) and columns (data elements) that can be added to, removed, sorted, and filtered as needed. EPM: Registry includes a Starter Pack of three registries: Diabetes, Heart Failure, and Hypertension. Users can edit the starter pack registries or use the flexible Registry Definition Language (RDL) to build a registry from scratch.

Engagement and outreach

Putting discovery and measurement into action is key to the success of a pay-for-performance or accountable care model. Effectively engaging your shared patients/members at the right time and priority, as well as through the right channel, is very important.

EPM: Engage™ is an integrated solution that plugs into other applications within the Explorys EPM Application Suite for managing work lists, workflow, follow-up, and outreach actions with patients or providers. Messages and reminders may be sent in a safeguarded manner through existing EHR patient portals or directly through email or physical mail. EPM: Engage provides a communication template framework that helps ensure consistency and message appropriateness to support both internal privacy policies and HIPAA and HITECH guidelines. The application also supports a range of security and roles that help care teams to operate within the policies and frameworks for patient interaction.
About Explorys, an IBM Company
Explorys, an IBM Company, provides the healthcare industry a protected, cloud-based analytics platform that harnesses big data for clinical integration, predictive analytics, and business intelligence. Its platform empowers the country’s leading provider organizations to more effectively utilize their data to improve care quality, patient satisfaction, and deliver value-based care. The Explorys solution supports Population Health Management and Accountable Care models while applying the power of massively-parallel data processing to help save lives and make healthcare more affordable. For more information, visit www.explorys.com.

About IBM Watson
In January 2014, IBM launched the IBM Watson unit, a business dedicated to developing and commercializing cloud-delivered cognitive computing technologies. The move signified a strategic shift by IBM to deliver a new class of software, services and apps that improves by learning, and discovers insights from massive amounts of Big Data. For more information on IBM Watson, visit: ibm.com/watsonecosystem.

About IBM Watson Health
In April 2015, the company continued to build on its strengths in cognitive computing, analytics, security and cloud with the launch of IBM Watson Health and the Watson Health Cloud platform. The new unit will help improve the ability of doctors, researchers and insurers to innovate by surfacing new insights from the massive amount of personal health data being created daily. The Watson Health Cloud allows this information to be anonymized, shared and combined with a dynamic and constantly growing aggregated view of clinical, research and social health data. For more information on IBM Watson Health, visit: ibm.com/watsonhealth

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Note: Statistics and testing provided by the Explorys Analytics Team and Definitive Healthcare, which provides powerful intelligence on hospitals, physicians, and healthcare providers; http://www.definitivehc.com/.

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