

Healthcare Provider Analytics Data Management

Enterprise Analytics Depend on Trusted Data Integration

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“Patient data and transactions are captured in numerous systems from multiple vendors. Managing the integration of a patient master table will require a sophisticated and flexible data integration platform. Informatica Platform provides this, and it can be expanded to address our future integration challenges.”

BENEFITS

Deliver Superior Patient Care

- Rapidly build and monitor quality of care metrics
- Aggregate historical data for clinical research
- Certify and expose data from disparate core systems

Improve Operational Performance

- Centralize enterprise forecasting, demand planning, and scheduling data
- Integrate clinical and financial performance data
- Fast-track secondary use of electronic health record

Expose Information Faster

- Shrink time to integrate new data into analytics
- Include any data format in any latency
- Proactively monitor data quality and consistency

Healthcare providers must analyze tremendous amounts of information and make critical decisions every day impacting a wide variety of people. To add to the challenge, necessary data is often spread across many systems locked in different departments, and in some cases paper records. Compound this with the fact that new clinical pathways and best practices are driven by continuous innovation and research, and it becomes clear that providers will rely more and more on clinical analytics and real-time intelligence to succeed in the future.

Healthcare provider organizations also are facing increased pressure with operational performance management. Triggered by HITECH compliance and Medicare/Medicaid cuts, providers must optimize resource and scheduling utilization, patient throughputs, cross-departmental spend management, and reimbursement compliance.

Healthcare provider analytics data management simplifies data integration by applying a set of enterprise process and technology to these challenges. By unifying data access and using robust data discovery and cleansing tools, healthcare providers can derive value from the rapidly increasing volumes of electronic data being created by the drive toward the ‘meaningful use’ of electronic health record and the expansion of health information exchanges. Informatica’s comprehensive and proven platform prepares data quickly and accurately, lowering risk and total cost of ownership for your overall analytics and business intelligence strategy.



Provider analytics data management fast-tracks and certifies your operational and analytical initiatives with a proven, comprehensive data platform.

Key Features

Universal Data Access

Informatica technology provides comprehensive connectivity out of the box for many major data and systems platforms, thereby increasing the ability to build integrated analytics beyond the scope of a single application. Using a common interface, users are able to abstract the complexities of each system, decreasing the time and effort it takes to access critical information. In addition to broad data platform access, Informatica helps healthcare providers integrate information found in real-time transactional feeds, such as HL7 and HIPAA, and even unstructured data formats, such as PDF, Word, and Excel. Informatica technology also simplifies the capture of data changes to many operational source systems by directly communicating with the underlying change logs and passing these downstream to the integration engine.

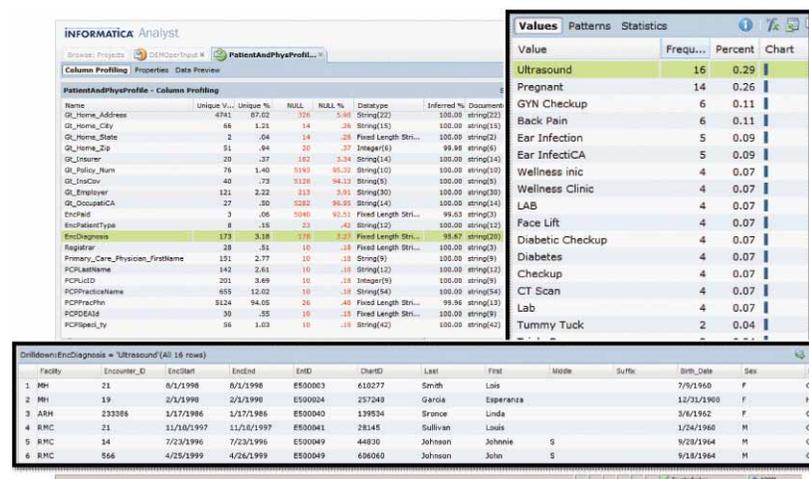
Automate Data Discovery & Quality

One of the biggest challenges inside a healthcare provider organization is the lack of data analysis tools that focus on the quality of the information. The Informatica Platform automates the data quality process by capturing statistics such as value frequencies, completeness, format patterns, and uniqueness based entirely on the data values. A subject matter expert can handle these tasks with an intuitive Web user interface.

Data quality analysis is only the first step. You can configure quality components to help parse, validate, standardize, and deduplicate data so that analytics are optimized and accurate. The Informatica Platform also provides unique capabilities to profile data as the development objects are created. Seamlessly sharing these results via Web links drives collaboration between IT and business. After it is deployed, Informatica technology automatically detects issues before they escalate into problems.

Robust & Reusable Integration Platform

For many healthcare provider organizations, enterprise analytics is a new challenge and competency they must develop. The Informatica Platform provides the richest pool of skilled resources to help fast-track that development. With hundreds of partners and thousands of certified developers, Informatica's easy-to-use technology continues to have the broadest adoption in the market. Supporting thousands of enterprise organizations means that Informatica can operate in mission-critical and lights-out modes handling the ever-increasing volumes that a healthcare provider requires. In addition, integration objects can easily be reused for real-time operations.



Provider analytics data management automates the assessment of legacy data so stakeholders can integrate, certify, and expose the right data to the analytics engine.

Benefits

Deliver Superior Patient Care

First and foremost, a healthcare provider strives to deliver the best patient care possible. Measuring quality of care is not a new concept, and many institutions have compiled these metrics for given departments, but rarely exposed these outside of the organization. However, 'meaningful use' has accelerated the need to do this much more broadly. Analytics therefore has moved from departmental to cross- enterprise to drive care protocols, research, and organizational behavior. The Informatica Platform delivers the fastest and easiest method to integrate disparate and complex data to supply certifiable information to clinicians so they can optimize care delivery.

Improve Operational Performance

The need to improve hospital operations has never been more important as the healthcare industry transforms and hospital systems expand their services and care delivery channels. By centralizing enterprise planning data, such as resource use, scheduling, and expenses, your organization will gain efficiency and optimize cash flows. Analytics provide the key to identifying where reimbursements can't be collected due to missing or erroneous data. Ensure that you can calculate patient throughputs across departments to enhance patient satisfaction, improve care, and increase reimbursements. Increase your ability to incorporate additional service channels or even mergers and acquisitions by creating an agile data platform.

Expose Information Faster

One of the most challenging aspects of an enterprise analytics system is how long it takes for users to get the information they want. Informatica's technology platform has been built to speed access to data. It helps you validate data assumptions, decrease development time, and lower the risk of rework. Whether you need to quickly augment analytics engines with ad hoc data or consolidate large volumes for clinical research, Informatica's skilled resources and robust technology platform offer the fastest and most cost effective solution. They enable you to also decrease the time necessary to derive analytics by integrating transactional real-time data such as HL7. Lastly, the system will proactively monitor your data so you can be confident you have the data you need to make the best decisions.

Learn More

Learn more about Informatica enterprise analytics data management and the entire Informatica Platform. Visit us at <http://www.informatica.com/solutions/healthcare> or call (800) 653-3871.

About Informatica

Informatica Corporation is the leading independent provider of enterprise data integration software and services. Using Informatica solutions, healthcare organizations can access, discover, cleanse, integrate, and deliver all enterprise data to improve health outcomes, meet compliance mandates, streamline operations, increase agility, and refocus energy on the consumer. More than 4,100 companies worldwide and hundreds of healthcare companies rely on Informatica for their end-to-end enterprise data integration needs.



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