

The Informatica Solution for Healthcare Data Migration

BENEFITS

- Achieve a stellar success rate in clinical data migration projects
- Ensure availability of all historical data in new applications
- Execute rapidly and lower the cost of data migration
- Migrate data based on its value, not risk of failure
- Eliminate surprises during acceptance testing

Maximize the Value of New Applications by Migrating Essential Legacy Data

Implementing new enterprise information systems, such as electronic health records, is a complex, costly, and resource-intensive endeavor. Further increasing the challenge, business and clinical users expect historical data to be migrated into a new application.

But meeting this expectation poses risks that can undermine the success of an initiative. Gartner has reported that 80 percent of data migration projects fail or significantly overrun their budget and schedule.

Without a robust migration solution, the only alternative for healthcare organizations is to limit the amount of data migrated. While technically valid, this approach fails to meet the expectations of end users and can severely limit the potential value of a new application.

The Informatica® solution for healthcare data migration surmounts these challenges, empowering your healthcare organization to successfully migrate legacy data and maximize your investment in new applications. This comprehensive package includes:

- Industry-leading data integration of the Informatica Platform
- Best-practices of the Informatica Velocity™ methodology

This data migration solution provides the processes, people, and technology you require to successfully connect to legacy systems. With it, you can make practical decisions on which historical data to migrate based on its business and clinical value to end users.

The solution profiles, analyzes, and corrects data quality problems before any data is moved. It then efficiently and reliably migrates large volumes of that data from legacy systems into new applications, verifying consistency between source and target.

Key Capabilities

Velocity Methodology

Best in its class, the Informatica Velocity methodology has been used to develop dozens of migration projects with some of the world’s largest companies. Velocity is key to the Informatica solution for healthcare data migration. With it, migration projects are equally divided among people, processes, and technology. This disciplined methodology provides you with a comprehensive framework for successful data migration—from planning and strategizing a project to validating that the data was moved accurately.

Application and Database Connectivity

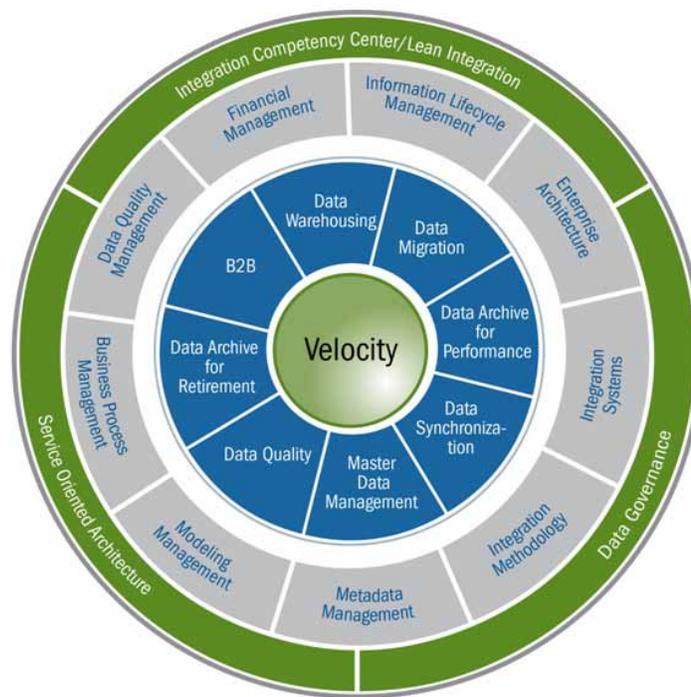
Robust connectivity options for a wide variety of applications and underlying database technologies are a critical first step in migrating data from legacy environments. End-to-end traceability of migrated data from source to target begins with getting as close as possible to the data in its native form. Informatica’s strength as the most trusted, neutral partner to many of the largest vendors in the marketplace ensures that you can rely on this connectivity as a key underlying component of a data migration effort.

Data Discovery and Profiling

Even if you’re migrating as many as a billion rows of data from a legacy application into a new system, there is value in inspecting and profiling every single one of those billion rows to understand and document the data’s imperfections. These flaws include missing values, incorrectly formatted fields, default entries, and other inaccuracies that have gone unnoticed and unresolved for years in data that has never left its original location. Because of such errors, data discovery and profiling is essential to a successful data migration effort—and an integral part of the Informatica solution for healthcare data migration.

“Without the Informatica Platform, Ochsner would never have been able to create this health information exchange.”

– Jonathan Stevenson,
Enterprise Information Architect,
Ochsner Health System



Informatica Velocity is a role-based methodology that enables members of your data integration project team to see only the content that is relevant to them.

Data Quality and Data Governance

Once data problems are identified, documented, and understood, data quality rules must be created to resolve those problems. To ensure that data errors do not slip through the cracks, rules need to be created, tested, and applied in the same environment used for profiling. Involving clinical, technical, and business staff ensures that rules are developed and run comprehensively. Together, the team can identify data issues and offer insights for resolution.

Data Movement from Source to Target

Migrating data from source to target entails not only moving it physically from one system to another but also verifying that the migrated data is identical to that of the source. Traceability and error recovery ensure that data is neither lost nor duplicated. These capabilities are critical when a transfer is interrupted. The Informatica solution for healthcare data migration creates repeatable, reusable processes and fosters collaboration between clinicians and IT.



The Informatica solution for healthcare data migration profiles, analyzes, and corrects data quality problems before any data is moved. It then efficiently and reliably migrates large volumes of that data from legacy systems into new applications, verifying consistency between source and target.



“Using the Informatica Platform, we will know who our primary care patients are and how many there are of them... This data will be vital to improve clinical outcomes, grow the patient population, and increase efficiency.”

– George Brenckle,
SVP and CIO,
UMass Memorial Health Care

Key Benefits

Achieve a Stellar Success Rate in Data Migration Projects

The Informatica solution for healthcare data migration directly addresses the most common problem areas that traditionally lead to migration efforts either resulting in significant cost and schedule overruns or failing altogether. It enables you to migrate clinical and administrative data successfully and with complete transparency and confidence.

Ensure Availability of All Historical Data in New Applications

During migration initiatives, end users expect 100 percent of legacy data to be available in a newly implemented application. But a new application vendor and IT staff are often reluctant to migrate any data due to the high risk of failure traditionally associated with trying. Using this solution for data migration allows you to close the gap in expectations, moving all historical data into a new application.

Execute Rapidly and Lower the Cost of Data Migration

The Informatica solution for healthcare data migration combines skilled professional services, our proven Velocity methodology, and best-in-class data integration tools to dramatically reduce the risk of failure that plagues traditional migration efforts. Typical areas of failure can be effectively managed and risks mitigated by understanding and resolving 100% of data problems before any data is moved. The data can then be moved reliably from one system to another.

Migrate Data Based on Its Value, Not Risk of Failure

To circumvent the high failure rate of traditional data migration projects, organizations and vendors commonly advocate bringing an application live with no data, allowing its database to be populated on a go-forward basis. But this approach negates some of the benefits of a new application. The Informatica solution largely eliminates the risks inherent in data migration, freeing you to choose which data to migrate based on the value it would have in the new application.

Eliminate Surprises During Acceptance Testing

If data is important enough to migrate, it's important enough to migrate correctly. The data integration capabilities of the Informatica Platform enable you to identify and correct any problems with your data early in a project lifecycle. These abilities allow for time to adjust the scope of migration and resolve unanticipated issues without impacting the timeline of an initiative.

LEARN MORE

Learn more about the entire Informatica product platform.

Visit us at www.informatica.com or call (800) 653-3871.

ABOUT INFORMATICA

Informatica Corporation (NASDAQ: INFA) is the world's number one independent provider of data integration software. Organizations around the world rely on Informatica for maximizing return on data to drive their top business imperatives. Worldwide, over 4,630 enterprises depend on Informatica to fully leverage their information assets residing on-premise, in the Cloud and across social networks.



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