

Informatica Solutions for Federal Healthcare

Streamline Healthcare Data Management

KEY INFORMATICA PLATFORM CAPABILITIES

- **Integrate.** Access, integrate, and deliver data from any source, to any target, at any latency.
- **Exchange.** Manage and monitor the exchange of healthcare data in practically any industry standard format, including HL7, EDI-x12, NCPDP, and HIPAA.
- **Trust.** Measure, monitor, and resolve data quality issues before they impact critical healthcare decisions.
- **React.** Correlate and identify critical events and conditions, making sure that limited personnel resources are focused where they can make a difference.
- **Manage.** Archive health data to reduce storage costs and improve system performance.
- **Secure.** Protect sensitive health data by masking it, ensuring data privacy and preventing personally identifiable information data loss.

With the Informatica® Platform, DoD healthcare organizations can access, integrate, protect, share, and trust their data so they can improve information management, increase operational efficiency, and ensure compliance with regulatory and industry standards.

A variety of data management issues may be compromising federal healthcare organizations' ability to successfully execute their important missions. These issues include aging data management infrastructures; recent legislation such as the Patient Protection and Affordable Care Act (PPACA) and Health Information Technology for Economic and Clinical Health Act (HITECH); IT initiatives such as electronic health record/electronic medical record (EHR/EMR) consolidation and a shift to the ICD-10 coding system; and technology paradigm shifts like mHealth, virtualization, and cloud computing. Data privacy issues, as well, are paramount.

Informatica can help.

The Informatica Platform delivers the robust data management capabilities your healthcare organization needs to access, cleanse, integrate, protect, and deliver timely and trusted information across the extended enterprise. This comprehensive, open, unified, and economical data integration platform serves as a proven, scalable foundation for integrating and managing data for some of the largest electronic health records systems in the world. The Informatica Platform is used for:

- **Enabling mHealth development.** Insulate new mobile apps from the churn of legacy systems and data with a services layer that reliably delivers timely and trustworthy data and interfaces.
- **Improving health outcomes.** Advance the quality of patient care by ensuring complete and accurate health records through flexible identity resolution, better data exchange, data transformation for any format, and improved data quality and standardization.
- **Enhancing operational performance.** Streamline administrative processes, target and prevent fraud, ensure proper reimbursement, reduce data storage costs, and increase patient throughputs with optimized data exchange, robust data archiving, and complex event processing.
- **Consolidating EHR/EMR systems.** Migrate data to new systems quickly and cost-effectively. Cleanse data to ensure that all information is complete and accurate. Archive inactive data to keep systems performing optimally and clinical workflows running smoothly.
- **Protecting data from unintended disclosure.** Mask sensitive data to prevent accidental disclosures in reports, displays, backup media, and test and development environments.

The Informatica Platform Tackles Federal Healthcare Organizations' Data Management Challenges

Creating Integrated Data Repositories

The Informatica Platform enables healthcare organizations to create integrated data repositories by bringing all sources of healthcare data together, regardless of where that data resides—on premise, with partners, or in the cloud. By combining universal data access with best-in-class data quality and master data management capabilities, the Informatica Platform ensures that data is not only available in a data repository, but also accurate and trustworthy.

Delivering Data as a Service

As service-oriented application delivery models are adopted, integrating legacy and modernized systems is critical. The Informatica Platform ensures that data in legacy systems, on which many data federal healthcare operations still depend, is available to support all applications and systems. The Informatica Platform provides a powerful data abstraction layer for delivering enterprise-scale data services. It makes accessing data quick and easy, with the same agility gained from abstracting business logic with BPM, EAI, and ESB technologies.

Sharing Data

With the Federal Health Architecture and many data sharing initiatives, federal healthcare organizations need to integrate external data sources with internal data sources, as well as make internal data available to partner organizations. The Informatica Platform enables federal healthcare organizations to exchange data via emerging networks and data standards such as HL7, EDI/x12, and HIPAA and XML formats such as NIEM.

Creating a Single View of Data

With the Informatica Platform, federal healthcare organizations can create a single, reliable view of a beneficiary, provider, vendor, or patient. Robust master data management and identity resolution capabilities enable healthcare organizations to identify, resolve, and manage the many complex data relationships in a variety of healthcare systems.

Stopping Fraud, Waste, and Abuse

The volume and variety of data and systems that federal healthcare organizations maintain generate opportunities for fraud, waste, and abuse. The Informatica Platform supplies complex processing and identity resolution capabilities that enable federal healthcare organizations to identify potential problems and alert the right people at the right time so they can take action to prevent fraud, costly overpayments, duplicate payments, or unnecessary reimbursement.

Ensuring Privacy

When new software and systems are developed to process patients' sensitive medical data, privacy is a big concern. Often actual patient data is used to test and develop these technologies, which puts personally identifiable information (PII) and other sensitive data at risk of exposure to unauthorized parties or identity theft. The Informatica Platform enables federal healthcare organizations to prevent unauthorized access to sensitive data in production or near-production databases. By blocking or masking data in real time, the Informatica Platform protects sensitive or confidential information and ensures data privacy.

“It’s all about data and how you manage and access data. The real opportunity is thinking about the ecosphere of data and how we connect and use that data in a secure and authorized ways. Big Data has changed every other field in the world, and there is no reason it can’t transform healthcare.”

Dr. Stephen Ondra, Senior Policy Advisor for Health Affairs, U.S. Department of Veterans Affairs

Customers’ Successes

- The U.S. Centers for Medicare and Medicaid Services (CMS) relies on the Informatica Platform to support data operations for more than 60 different enterprise programs ranging from fraud detection to claims processing.
- The U.S. Food and Drug Administration uses the Informatica Platform as a core component of its systems for monitoring post market adverse events and reporting on regulatory compliance.
- The U.S. Department of Defense, Department of Veterans Affairs, and Centers for Disease Control and Prevention all use the Informatica Platform as a core component of their systems for conducting real-time, nationwide biology and health surveillance to support health situational awareness.
- The DoD and the Veterans Administration rely on the Informatica Platform to make sure that timely, accurate data on medical and surgical products is fully synchronized within their Product Data Bank.
- TRICARE uses the Informatica Platform for more than 20 programs, ranging from claims processing to human resources management.

Informatica Customers in Federal Healthcare

DoD Health

- Medical Surveillance (ESSENCE)
- Air Force HSDW
- PurchaseCare (claims processing)
- Patient Encounter Processing & Reporting (PEPR)
- Defense Medical Human Resource Management (DMHRSi)
- Defense Medical Logistics (DMLSS)
- Defense Occupational and Environment Health Readiness (DOEHRs)
- AFHSC - Defense Medical Surveillance (DMSS)
- eCommerce Operational System Support (EOSS II)
- DHIMS Blood Management System
- DoD/VA Joint Medical Product Data Bank (MedPDB)

Veterans Affairs

- VHA, HAISS and Chief Business Office
- VBA, PA&I enterprise data warehouse
- VA, FSC, and VACO Office of Finance

U.S. Centers for Medicare and Medicaid Services

- 60+ enterprise programs across OIS, OCSQ, and CCIIO

National Institutes of Health
Health Resources and Services Administration
Food and Drug Administration
Centers for Disease Control and Prevention
HHS Program Support Center

LEARN MORE

Learn more about the Informatica Platform.
Visit us at www.informatica.com.

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 to gain a competitive advantage with timely, relevant and trustworthy data for their top business imperatives. Worldwide, over 4,630 enterprises depend on Informatica for data integration, data quality and big data solutions to access, integrate and trust their information assets residing on premise and in the Cloud. For more information, call +1 650-385-5000 (1-800-653-3871 in the U.S.), or visit www.informatica.com.



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