



In 1816, a Frenchman, Laennec wanted to examine an obese lady with heart trouble. The very need to hear her heartbeats clearly made him think creatively and led him to invent the stethoscope.

Most of the physicians ridiculed it for they feared they would appear funny with it. Nevertheless the stethoscope transcended all their misgivings to prove its worth. Since more than two centuries now, it is the most extensively used medical equipment today!

Likewise, we can transform the healthcare operations by marrying business and technology innovation. *Infosys Health Interoperability Platform* is the outcome of our endeavor to create an Enterprise Services Oriented Architecture (SOA) based Interoperability platform to catalyze information integration across care delivery and management.

It is a cohesive blend of *clinical best practices*, an *advanced technology platform* and an *adaptable implementation* for processing healthcare information efficiently.

Clinical Transformation EHR/PHR Solution

The Infosys Clinical Transformation EHR/PHR Solution is an enterprise Services Oriented Architecture (SOA) based platform solution designed to help improve quality of care and control costs by leveraging an interoperability infrastructure to enable collaborative healthcare processes. It redesigns clinical dataflow and enables 'Healthcare Information Symmetry' by adopting a structured and data source agnostic approach across Payers, Providers, RHIOs, etc.

The solution builds a Collaborative Health Information Network across a range of clinical services including electronic/personal health records, health management tools, ePrescribing, referral management, clinical messaging, and scheduling.

It offers a comprehensive 360 degree view of the patient in a provider, payer, or RHIO environment. It leverages Oracle's Healthcare Transaction Base (HTB) to provide an integrated health information network. Oracle HTB is a Service Oriented Architecture that supports the integration, development, and operation of a full spectrum of healthcare applications.

The solution aims to provide the right information to the right person at the right time. It helps organizations improve patient care, safety and quality, while simultaneously reducing preventable medical errors and costs. It delivers a mechanism to aggregate, transmit and exchange clinical information across enterprises.

Industry Imperatives

PAYER

- Manage rising healthcare costs
- Effective and collaborative member centric strategy
- Enabling efficient care management capabilities and member decision tools

PROVIDER

- Lack of integration among clinical systems and a comprehensive and real time health record.
- Improve cost performance leveraging improved clinical, revenue cycle, capacity management. This phrase needs to be re-worked, It is not clear to me what the author is saying
- Reduce Clinical Variance, medical errors leveraging Evidence Based Medicine (EBM) protocols re-work phrase the words run-on

Regional Health Information Organizations (RHIOs)

- Implementation of standards based information exchange modalities and integration across multi-stakeholder source systems
- Leveraging RHIO initiatives to transform internal clinical operations
- Ability to implement a cost-effective and scalable integration infrastructure.

Solution Benefits

Payer:

The solution helps payers define and implement total Health Management

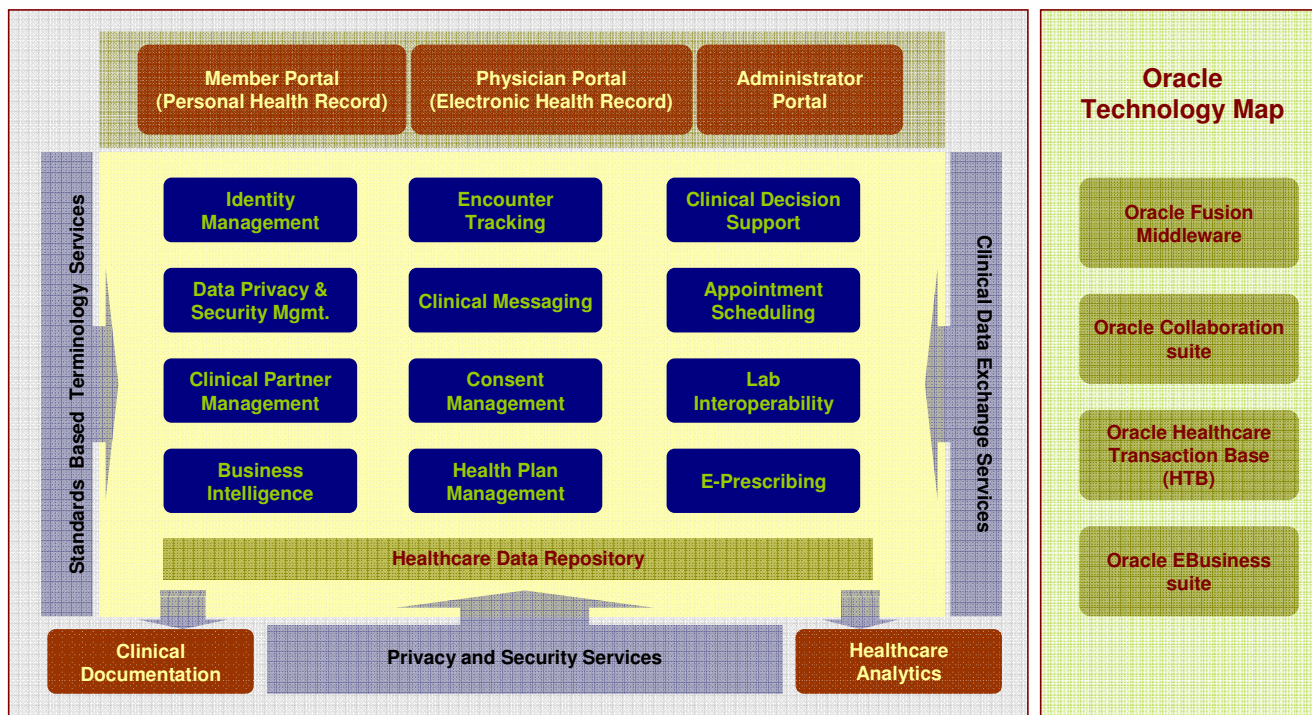
strategies leveraging the Personal Health Record (PHR) as an infrastructure backbone. Key benefits are:

- Catalyze Member Strategy and Total Health Management
- Transform Clinical Functions and Analytics (Care Management)
- Enable Enterprise-wide Clinical Data Layer leveraged for all the analytics.
- Work seamlessly intra/inter organizationally
- Standards based real-time interoperability platform

Provider and RHIOs:

The Solution leverages enabling technology (SOA based Interoperability platform) solution to improve quality of care outcomes and financial performance, leveraging an evidence-based medicine driven electronic health records infrastructure. Key Benefits are:

- A SOA based interoperability platform, delivered in a "Software as a Service" model, which accelerates interoperable network implementation and supporting e-health functions
- Leverage HL7 based 360 degree Health Record
- Enables Unified Clinical language and efficient Clinical Messaging
- Integrated Point of Care business clinical functions
- Extendable functionality for RHIO growth
- It empowers the provider with clinical data capture, clinical workflow, decision support systems and knowledge management tools that increase patient safety and improve staff performance.



Joint Value Proposition

By combining their strengths, Infosys and Oracle provide a compelling solution that leverages Oracle technologies to deliver tremendous cost savings as compared to alternative approaches, while increasing business agility and gaining competitive advantage. This aids in improving the accessibility, quality and affordability of healthcare.

Infosys (NASDAQ:INFY) defines, designs and delivers IT enabled business solutions. These provide you with strategic differentiation and operational superiority, thereby increasing your competitiveness. Each solution is delivered with the industry-benchmark Infosys Predictability that gives you peace of mind.

Oracle (NASDAQ: ORCL) is the world's largest enterprise software company. Oracle's business is information - how to manage it, use it, share it, protect it. For nearly three decades, Oracle has provided the software and services that let organizations get the most up-to-date and accurate information from their business systems.

Solution Offering

- Strategy & Design Solutions

- EHR/ PHR Business and IT Strategy Definition
- Vendor Partner interface/ integration strategy
- Data Integration and Warehousing strategy
- Claims based PHR Implementation Planning and Roadmap creation
- Security, Access, DR (Disaster Recovery) strategy and Infrastructure planning
- Portal and UI strategy with Application architecture
- Functional design - Requirements Definition/Prioritization
- Health Interoperability Solution Implementation Services
 - HIP (Health Interoperability Platform) Solution Implementation, Customization, Maintenance
 - HTB Implementation, Maintenance and support
 - Integration services – sourcing, mapping, building and testing
 - Data warehouse, datamarts and analytics – Strategy and Implementation Services
- Claims based PHR Database and Analytical Tools Enhancements/Maintenance
- Infrastructure Management Services (Data Center Hosting, Operations and Management)
- EHR Database and Analytical Tools Enhancements/Maintenance
- Enterprise Clinical Systems integration, enhancements and modernization
- Large scale System Development/ Integration

Infosys and Oracle collaboratively aim to help healthcare organizations transform clinical operations and realize their full potential for improved patient outcomes through tangible innovations in care coordination, safety, productivity, reduced complexity and lower cost.

Together Infosys and Oracle add business value by enabling better business management and growth through new opportunities.

For more information contact Infosys at ehr_phr@Infosys.com