

ORACLE HEALTHCARE PROVIDER INTELLIGENCE

DATA WAREHOUSE SOLUTIONS

The Healthcare Intelligence supports the need of hospitals to gather information of quality from operational systems into a single corporate Data Warehouse.

- Provides a comprehensive view of the Clinical information to all levels of management and staff.
- Reduces risk
- Reduces Time-to-implementation
- Lowers costs of development
- Increases and accelerates return on investment

Many healthcare provider organizations require significant amounts of information on their financial operations and their clinical efficiency. Not all of these organizations are realizing the full value of their investments in operational systems, which contain a wealth of untapped "intelligence." Healthcare Provider Intelligence is a proven capability from Oracle Consulting, to accelerate your informational project in the healthcare sector.

The Need For Integrated Information

Hospitals increasingly need to make complex decision on how to optimize their financial, human and material resources. While operational applications effectively serve each department, clinical and administrative staff needs an integrated view of the information simply and rapidly. Healthcare Provider Intelligence enables a single view of the organizational information with a predefined enterprise data warehouse architecture based on proven practices in healthcare institutions.

Primary Benefits

To assist healthcare organizations develop a data mart, data warehouse or informational capabilities, Oracle Consulting will provide ready-to-use deliverables, which already have a proven value. The benefits are risk reduction, reduced time-to-implementation, lower costs of development and higher (as well as faster) return on investment.

Healthcare Provider Intelligence Defined

Healthcare Provider Intelligence is constructed around the best practices in multi-dimensional representation of information. With web-based access to the Data Warehouse, the users are able to create, execute and manipulate reports easily while respecting the right level of security. Security features native to Oracle Database allow strict control of access to the nominative data while allowing the users to obtain aggregated data. Critical information can be loaded into the data warehouse in a near real-time fashion. This allows users to view quality information from the operational systems at a quicker pace.

Fast-Track Option Advantage

The Healthcare Provider Intelligence capability from Oracle Consulting can be leveraged to quickly implement a first release of a healthcare provider intelligence solution – with minimal modifications. By implementing both the staging area and the target model as is, a client can leverage the total solution including data loads. The only aspect that needs to be re-developed is extractions from the source systems into the staging area schema format. Complexity is already handled in the transformation process developed between the staging area and the target multi-dimensional data model. Also, the end-user layer will still need to be defined; but by using Oracle Discoverer, this represents a small proportion of the overall effort.

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RELATED PRODUCTS AND SERVICES:

The following services are available from Oracle Consulting:

- Oracle Portal Accelerator
- Oracle 9iAS Migration
- Oracle DB Migration
- Real Application Clusters Accelerator
- Data Warehouse Strategy
- BI Architecture Service

Healthcare Provider Intelligence Overview

Healthcare Intelligence covers many subject areas. The areas cover financial and clinical key performance indicators that a hospital or any typical healthcare provider organization would need to track. The data models contain facts and dimensions. Common dimensions have been harmonized across the various subject areas when possible and, as a result, drilling-across from one subject to the next is possible in many cases. Among the areas covered in the models are the following:

- **Activity** – Census, Beds, Encounters (Admissions, Visits, Discharges)
- **Financials** – Revenue, Costs, Profit
- **Medical Staff** – Utilization, Quality, Charts
- **Human Resources** – Employees, Benefits, Utilization
- **Patient Care** – Clinical Indicators, Patient Support, Serviced, Patient Safety
- **Payors** – Profiles, Utilization, Performance
- **Quality** – Key Indicators, Measures, Survey Results
- **Markets** – Markets, Employers, Legal Issues

Ad-Hoc Reports

Healthcare Intelligence comes with pre-built reports and ad-hoc reporting that serves as the basic access to information contained in the Data Warehouse. Here a list of some of the available reporting:

- Key performance Indicators for Patient Billing
- Budget Reports by Healthcare organization, Account, and Business unit
- Financial Reports for Business units by Organization detail
- Trends – Payor Mix for Claims
- Trends – Clinical Encounters
- Trends on Employee Status by Organization and Business unit
- Trends on Key Performance for Physician Status
- Trends on Capital Projects costs by Project, Organization and Business unit
- Trends on Patient Activity in Hospitals and Clinics

Getting Started

An organization interested in Healthcare Intelligence should call Oracle Consulting to arrange an overview. Oracle Consulting will develop a project proposal to implement a solution, which will start from the reusable components and industry best practices. The project effort will depend on the number of areas to be covered in the actual project and the additional complexity required from the new environment.

Oracle Consulting is a recognized leader in using technology to deliver business solutions. Our commitment to customer satisfaction, complemented by our world-class professional services staff, can help you meet your competitive challenges with greater confidence.

Contact us to discuss Oracle services at 1-800-633-0584 or oraclesales_us@oracle.com.