Magnitude

Angles for Oracle

Packaged Data Management Solution

Simplify The Process of Implementing an Enterprise Data Warehouse.
Magnitude Angles for Oracle includes packaged ETL to extract, transform, and load data from Oracle® E-Business Suite (EBS) and salesforce.com® applications. It also provides an open interface to integrate data from third-party and custom applications. Organizations can use Angles for Oracle in conjunction with their existing business intelligence platforms from Oracle, IBM, SAP, Microsoft, Tableau, Qlik, and others, providing business professionals visibility to the data they need, when they need it, through the tools they already know how to use.

Deliver Immediate Value to Your Organization

A core component of Angles for Oracle is the enterprise data model, which includes an operational data store (ODS) and subject area data marts based on a set of conformed dimensions.

Broadest, Deepest Coverage: The data model spans dozens of applications from Financials and Human Resources to Purchasing, Order Management, Manufacturing, and Service. Nearly 30,000 fields have been mapped into Angles for Oracle from Oracle EBS—almost 10 times that of our nearest competitor. Angles for Oracle supports the full spectrum of strategic analysis and performance management for multi-dimensional trend and historical data analysis.

Data Marts: The data marts consist of an integrated set of star schemas that enable strategic, enterprisewide reporting and analysis. The data mart model uses conformed dimensions to support cross-functional analysis. The data marts also support multiple global currencies, a global unit of measure, and multiple types of slowly changing dimensions.

Operational Data Store: The ODS provides near realtime information from multiple transaction systems in a format which is more efficient and effective for report developers to navigate than the database structures of the source transaction systems. High performance data loading and flexible scheduling by functional groupings enable organizations to define when data arrives into the ODS, ensuring that the data is delivered when needed without compromising source system performance.

Better Serve Your Ever-Changing Organization

Angles for Oracle includes predefined mappings, sessions, and workflows based on Informatica® PowerCenter® to provide seamless integration with Oracle E-Business Suite 11i and R12 and salesforce.com. A key differentiator, the ETL process and data model provide automatic integration of key and descriptive flexfields from Oracle EBS.

Benefits

✔ Enterprise data model for operational and strategic reporting

✔ Packaged ETL to speed implementation and reduce costs

✔ Open interface for integration of data from third-party and custom applications

✔ Online data dictionary through Angles for Oracle® Search provides business definitions and lineage information to empower report developers

✔ Advanced integration with industry leading business intelligence platforms through Angles for Oracle® Generator for Oracle, IBM, SAP, Microsoft, Tableau, Qlik and more

✔ Data driven architecture for streamlined extensibility and maintenance

Data Driven Architecture: Angles for Oracle includes a metadata repository that defines all data elements available for the reporting and BI layer including relationship sets, tables, columns, fields, calculations, dimensions, hierarchies, functional descriptions, and source definitions. It is designed to be flexible and adapt to each business environment such as allowing customers to replace Angles for Oracle terminology with their own. Customers can also extend the packaged data model and ETL mappings through Angles for Oracle's metadata-based developer tools to address their specific requirements.

Upgrade Protection: With each new version of Oracle E-Business Suite and/or salesforce.com, Angles for Oracle thoroughly investigates all the functional and technical enhancements and makes all necessary updates to the data model and ETL maps to ensure Angles for Oracle continues to integrate your data accurately. As a result, reports that were run on older versions of source applications will continue to run when upgraded to newer versions. The metadata-based framework for configuring and extending Angles for Oracle also ensures that your customizations are preserved during upgrades.

Online Data Dictionary: Angles for Oracle empowers report developers with business descriptions for each of the data marts and definitions for each of the metrics, dimensions, and attributes, including data lineage describing the source and any transformations that have been performed through the ETL process.

Change Data Capture and Delete Detection: Angles for Oracle provides high performance change data capture and delete detection logging mechanisms that support near real-time data extraction with minimal overhead on the source system. Angles for Oracle can also take advantage of advanced database mirroring and replication technologies to eliminate any load on source system performance.

Key Features

- Automatic integration of Oracle key and descriptive flexfields
- High performance change data capture and delete detection for low latency, near realtime updates
- Modular architecture, based on conformed dimensions, allows rapid phased implementations
- Online data warehouse documentation
- Metadata-based extensibility tools

Support For

- Multiple Oracle and non-Oracle source systems
- Multiple types of slowly changing dimensions
- Multiple global currencies
- A global unit of measure

Angles for Oracle Family Of Applications Includes

- Financials
- Working Capital
- Human Resources
- Projects
- Discrete Manufacturing
- Process Manufacturing
- Supply Chain
- Advanced Supply Chain Planning
- Quality
- Enterprise Asset Management
- Service
- Sales

Magnitude™