

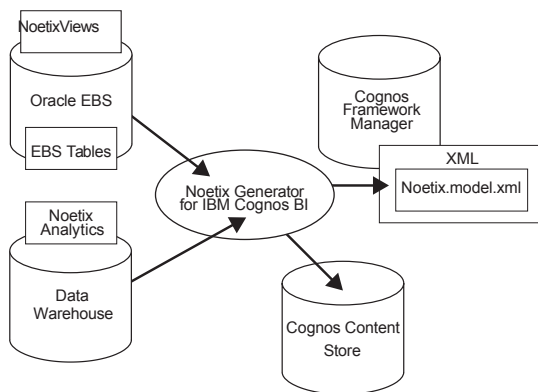
Delivers automated, cost-effective access to EBS application data

Magnitude Noetix® Generator

for IBM® Cognos® Business Intelligence

Magnitude Noetix Generator for IBM Cognos BI delivers automated, cost-effective access to Oracle® E-Business Suite (EBS) application data, whether it's in the transaction database or in the data warehouse, making it faster and easier to roll out end user reporting to Cognos BI users.

Noetix Generator for IBM Cognos BI automatically populates a Cognos Framework Manager model for Oracle EBS customers. As a result, report authors and query users can immediately begin using IBM Cognos BI to develop reports and queries against their application data.



Populate Noetix Content into the Cognos Framework Manager Packages

Automatically Publishes Noetix Views and Noetix® Analytics Content into Cognos XML Model

Normally, to begin using Cognos BI, IT would first need to create Cognos Framework Manager packages, documenting all the key data elements they wish to enable for end-user reporting and ad hoc query. Noetix Generator automates this time-consuming, tedious process by creating and publishing these packages. Noetix's flagship product, NoetixViews®, provides a semantic reporting model for Oracle EBS customers. NoetixViews maps thousands of application base tables into logical business views that include complex joins and business-friendly terminology. Noetix Generator populates Framework Manager packages with all of the details of NoetixViews. Similarly, when used with Noetix Analytics, Noetix Generator automatically builds the packages and creates the necessary links between tables in the Noetix Analytics data warehouse.

In addition, Noetix Generator automatically creates pre-built NoetixViews report templates in Cognos Report Studio, instantly providing a self-service reporting environment for end users.

Access to Information for Operational and Strategic Reporting

Real-time Operational Reporting: Noetix Generator enables direct access to the data in the transaction system, providing users with the most complete and up-to-date information.

Strategic Reporting: For needs best met with a data warehouse, Noetix Generator provides direct access to the data in the Noetix Analytics data warehouse. Historical trending information is immediately available, along with summarized, pre-aggregated metrics allowing for complex analysis.

Automatically Tailored for Your Business

NoetixViews automatically reflects customers' individual application configuration options such as key and descriptive flexfields, charts of accounts, organization setups, security profiles, and more. Therefore, Noetix Generator automatically creates a unique Cognos model for every Oracle EBS instance — no two customers' models are exactly the same. Noetix's patented technology virtually eliminates the need for additional customizations by automatically detecting and integrating specific application configuration options.

Shields Reports from Application Upgrades

Through application upgrades and patches, Oracle often introduces significant changes to application base tables. NoetixViews shields reports and queries from these changes by remapping the views to the new base tables. Similarly, Noetix Analytics provides the same commitment: reports and queries are protected from changes because the data warehouse models remain unchanged.

Noetix Generator automatically keeps the Cognos model synchronized with NoetixViews and Noetix Analytics, preserving the linkage between users' reports and the views or tables.

Integrates with Oracle E-Business Suite Security

Noetix Generator enables administrators to associate an IBM Cognos BI user with an Oracle E-Business Suite user (and EBS responsibility) for use with the row-level security provided in NoetixViews Global Extension.

Key Features for Cognos BI Administrators

Automatic Creation of Cognos Query Subjects and Query Items

Using Noetix Generator, administrators can automatically populate a model in Cognos Framework Manager with NoetixViews and Noetix Analytics content. A Cognos query subject (with accompanying query items) is created for each Noetix view (and its columns) or for each table in the Noetix Analytics data warehouse.

Automatic Publication of Cognos Packages

Administrators can automatically publish Noetix-generated packages into the Cognos Content Store. Alternatively, administrators can use Cognos Framework Manager to publish these packages.

Automatic Creation of Cognos Roles

By grouping Cognos query subjects by NoetixViews-based roles or by Noetix Analytics subject areas, the security setup is greatly simplified. Administrators can easily grant these roles to Cognos BI users, giving them access to only the query subjects they are authorized to use.

Automatic Creation of “Package Master” Roles

To make it easier for administrators to grant access to all the roles in a package, Noetix Generator automatically creates Package Master roles. A Package Master role is created for every package of query subjects. The administrator can then grant access to this role instead of to individual roles.

Key Features for Cognos BI Users

Fully Documented Cognos Model

Noetix Generator provides data definitions for all the data elements contained in the Cognos model. This enables users to operate from a shared understanding of the business terminology.

Intuitive Organization of Cognos Query Subjects

Based on the familiar structure found within Noetix® Search and the Noetix Help file, the organization of the Cognos query subjects allows users to easily navigate Cognos namespaces, folders, and shortcuts.

Predefined Joins and View Relationships

Noetix Generator automatically defines the joins between related tables and views, providing users with the ability to build reports spanning functional areas. With NoetixViews, these relationships connect individual Noetix views that can be combined into a single report. With Noetix Analytics, the joins are defined among the tables that make up the star schemas of the Data Mart and the modified star schemas of the Operational Data Store.

Automatic Population of Query Item Prompt Info

Cognos report authors can add efficient filters to their reports by using specialized Noetix-generated List of Values (LOV) views. These views can be used to enhance performance when filtering data in a report.

Automatic Creation of Pre-Built Reports

As an add-on to NoetixViews, Noetix Generator also generates NoetixAnswers,™ pre-built report templates designed to answer hundreds of the most common business questions “out-of-the box.” These report templates are generated into Cognos Report Studio.



For timely corporate performance insights based on your business needs, turn to Magnitude.

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About Magnitude

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