

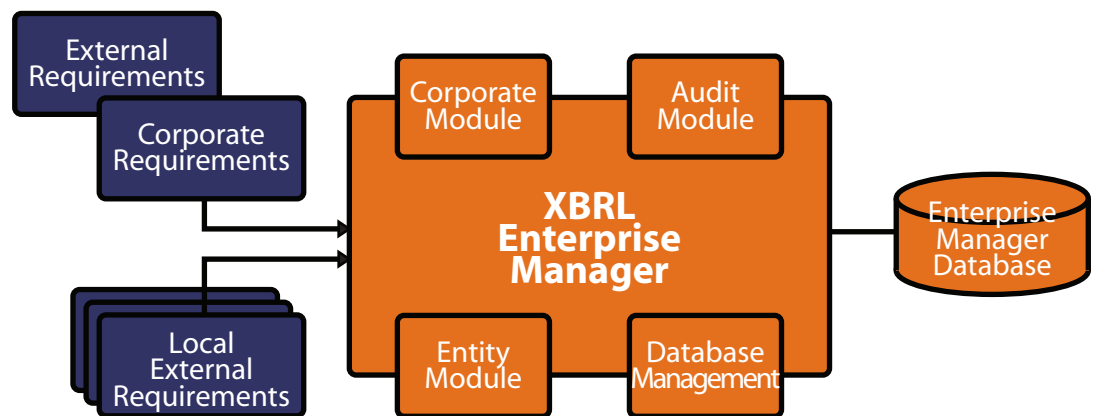
XBRL Enterprise Manager

Corporate XBRL solution for enterprise wide management of digital reporting requirements.

Semansys XBRL Enterprise Manager is a corporate XBRL solution that brings centralized management and control of business reporting requirements based on XBRL.

It increases efficiency of reporting processes, improves the quality of reports and the consistency of reporting worldwide, and it reduces the cost of implementing XBRL. The XBRL Enterprise Manager makes your organization more agile and reduces the costs and risks involved in compliance with new and changing reporting requirements.

This software solution is designed for mid-size and large organizations facing multi-national reporting requirements, a variety of central and local financial systems and disparate reporting solutions.



Digital reporting challenges

- Efficient introduction of XBRL in all entities, all countries and all subsidiaries
- Quality of reporting across the enterprise
- Consistency of reporting within the enterprise hierarchy
- Management of reporting requirements
- Reduce risks involved non-compliance

Reporting meta-data management

- Manages corporate and local reporting requirements centrally
- Drives the actual creation of reports and filings
- Enables audit on report creation and editing
- Assures quality and consistency
- Reduces cost and risks of compliance

Effective solution for

- Mid-size and large enterprises with subsidiaries facing local XBRL based reporting requirements
- Regulators, to define and manage sector or company specific reporting requirements
- Government agencies, to manage and control reporting environments for public sector entities

Centralized reporting definitions

The XBRL Enterprise Manager solution creates a centrally managed reporting environment in which corporate and local reporting requirements are defined. These definitions includes all properties of the reporting environment, such as the reporting entity structure, the reporting elements, dimensions and the mapping to the legacy systems of the organization. In the XBRL Enterprise Manager this is combined to describe the specific reporting requirements per individual entity. The solution can also be described as a "reporting meta-data management system".

Managing Taxonomies

Depending on the number of sectors, countries and industries a corporate is active in, a corporation is faced with a growing number of taxonomies. The XBRL Enterprise Manager allows for describing and utilizing the public taxonomies relevant for the corporate or one of its subsidiaries.

Element selections

The XBRL Enterprise Manager allows you to make the sub selection of taxonomy elements which are relevant for your reporting. This is needed as no company will ever have to report on all the elements in a given public taxonomy. The user can create and maintain sub-sets per taxonomy to be used by the company or its subsidiaries.

Custom taxonomies

In most companies subsidiaries are required to report more, more detailed and more frequent on different subjects than the regulators are asking for. For this the XBRL Enterprise Manager offers the possibility to describe company reporting elements, based on which company taxonomies can be created. This means that new elements in XBRL Enterprise Manager can instantly be used as company specific taxonomies.

Managing Dimensions

Some regulators require segmental or dimensional reporting, such as revenue per product group or per region, or loans per maturity. The European banking taxonomy (Corep) uses about 50 different dimensions. For internal reporting dimensions are used even more intensively. However complex you choose to define your reporting dimensions, the XBRL Enterprise Manager can hold the details.

Groups

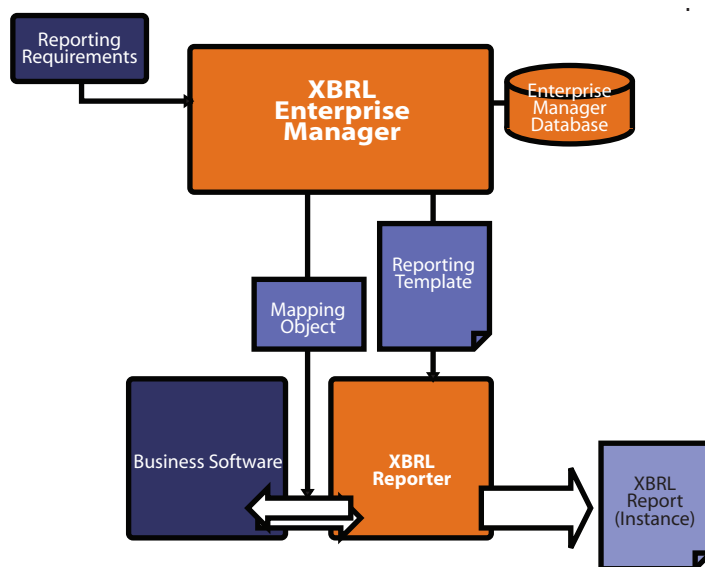
For maximum convenience and configuration reasons the XBRL Enterprise Manager offers an extra possibility to create and manage different collections of elements, entities and dimensions in groups. Using this grouping mechanism, setting up and maintaining the reporting environment is much easier, requires less implementation time and is easier to change. Also it is easier to apply audit and control on group level.

Account maps

Digital reporting with Semansys prevents re-keying of data and multiple data stores but enables collection of data directly from the source. The XBRL Enterprise Manager creates a mapping to instruct an import tool to map source data to the reporting elements.

Report creation

XBRL Enterprise Manager contains all information needed for the reporting tasks, but does not create the report itself. Semansys XBRL Reporter can do that for you. Using this integrated solution, the corporate and local financial people can automatically create reports based on the reporting templates generated from the XBRL Enterprise Manager database. By using the mapping objects the data is gathered automatically and instantly.



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