

System Modules

- The REPORT™ system consists of the following elements and modules.

Report editing module

When defining a report it is important that the information concerned be presented in a clear and understandable fashion. This is also true for the creation of report templates; Using the visual editor, which does not require much training, reports can be **quickly defined, and existing reports** can be modified. Editing basically consists of selecting the elements to display and positioning them on an empty "page". This is the base template. Specific datasources can then be configured and assigned to the elements whose appearance is then fine-tuned and style elements are applied. In a **short time all the report types required** by the company can be defined, and then changed over time as required.

Report query module

When a report is requested by a user, and the user's right to view the report has been confirmed, the template is filled with current data from the company's database (or whatever datasources are specified in the template). The report is then rendered to one of several formats (html, pdf etc.) and made available to the user. Access to the report is achieved using an internet browser, and the files can be reached on the LAN, or remotely via the internet if required. This means that from **anywhere in the world**, users will – with **proper security** – receive fresh, up-to-date data in their preferred format.

Multidimensional Data Analysis – OLAP module

This **On-line Analytical Processing (OLAP)** module allows **complex and time consuming analyses** to be performed which would be difficult or very slow to execute on a normally structured, aggregate free database. The tools in this module will allow REPORT™ system users to analyze and see behind the summarized numbers. Using the **OLAP** module they can easily drill-down (e.g. Through country-region-city-district levels), or they can select different data slices and view the data from different perspectives (e.g. sales by region, or by product type, or region vs product type over time etc.).

Data import module(s)

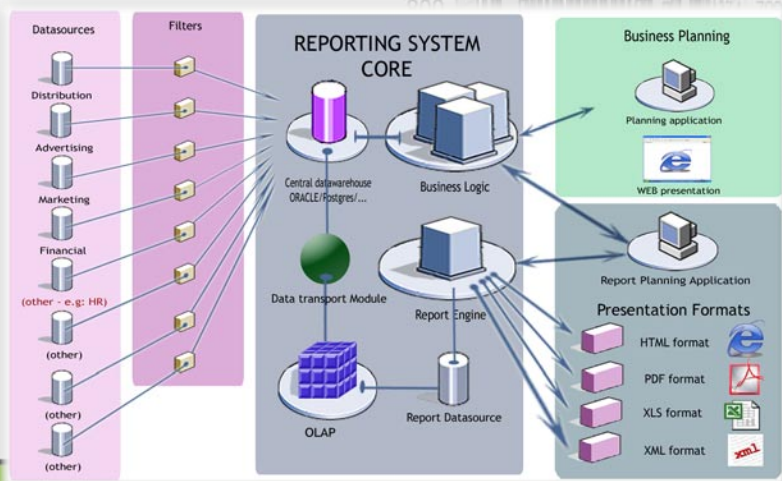
The value of a report is defined by **how much and what quality** data it is based upon. The REPORT™ system can be **integrated with your enterprise database**, or with **multiple databases**. The data import interfaces allow file-based data to be imported, which is then stored in the system's own database and made available to the analysis tools.

Report styles module

The **design** and style of a document is at least as **important** as the data it contains. When creating report templates you can also define multiple, complex styles. Standard items for an enterprise report would include the company logo, company colours for presentation items (e.g. Table headers), font type, page background, header and footer etc. Report styles allow you to easily and fully customize the output of the REPORT™ system to meet your requirements

Features and Benefits

- Reports display up-to-date data
- Reports are generated at the server and available on-line
- Reports can be planned using visual tools
- Multiple internal/external datasources can be defined
- WEB based, flexible report generation and viewing
- Multiple presentation styles can be defined
- Highly configurable access control (security) system
- Load balancing and scalable performance
- Drill-down functions – easy data navigation
- Multilingual ready (interface)
- Standards based – J2EE and Java Web Start technologies
- No client-side install
- modular construction – extendable
- Easy to use
- 24/7 availability of data
- Guaranteed manufacturer and platform independence



* a logical overview of the Report systems operation

The REPORT™ system allows you to gather and collate information from both internal and external sources. Management is provided with access to this key information, which is presented in understandable and easy to analyze standardized formats.

The goal:

Provide upper management with tools to find and analyze up-to-date, well presented data to support their decision making processes.

REPORT