DNA ERP Business Intelligence - Warehouse

The on-hands and inventory control is the main goal of the dashboard Warehouse. The dashboard contains both synthesis and more detailed analysis, till the individual item and resource. The database is populated after a few minutes of waiting, giving rise to a variety of graphs and charts thanks to which you can perform analysis on cost trends and values obtained from warehouses in different time periods or volume quantities, security stock beaking,…

To remain consistent with its philosophy of software development and customer approaching, ITACME Informatica wanted to stand on the growing market of B.I. not with custom projects implementation, but investing in the development of a series of products that are already configured and complete which relate to the managerial areas of main interest.

This philosophy, widely used in DNA, does not affect the ability to customize and implement the B.I. module in the individual customer project.

The BI DNA modules are based on the powerful tools of the innovative Aql technology of QlikView, which allows the real-time processing of millions of unaggregated records directly collected from the Oracle data base of DNA, without requiring the presence of an intermediate architecture or hardware or software.

The modules of DNA B.I. do not use a data base already aggregated or with a predefined size of the cubes, as in traditional OLAP technology, but use the data at the same level of detail of the ERP.

This allows the applications to provide both associated data defined in charts and pivot tables and the detailed data used by the calculation algorithms.

Moreover, the definition of new dimensions and new graphic objects or modification in the algorithms can be carried out without the need to implement anything in the application database, since all DNA data are already available in each module.

This increases the productivity for customers as the standard solution of ITACME Informatica allows an operating range of management and implementation to create, change or update the content and the layout of the application.

Warehouse dashboard

The product has in its database all the records of many months or years with all the needed detail of data. The data are splitted by category to allow for an appropriate and consistent aggregation:

- layout of warehouses
- on-hands balances per month (several years) and week (last 52)
- entry and exit handling
- item cost
- stock and procurement settings

The main features are the following:

Analysis over time

The analysis allows you to navigate to one or more categories of data for temporal dimensions in combination with classes of materials, warehouses, manufacturing orders.

Statistical analysis

The analysis allows you to check different data categories and the comparison among different timeslots (year, quarter, month, week, day) in combination with classes of materials, warehouses, manufacturing orders.

Variations analysis

The analysis allows you to highlight the different value of one or more data category and the comparison among different timeslots (quarter, month, week) in combination with classes of materials, warehouses, manufacturing orders. You can check by quantity and amount.

Average analysis

The analysis allows the compare the average values of one or more data categories.

Costs analysis

The analysis allows the comparison for different time periods and for classes of material, warehouses, manufacturing orders.

Dashboard changes

With different dashboards allows you to examine one or more data categories the actual and the forecast values (mathematically calculated) in one section, the comparison with same periods of the previous year in a second section.

Slow motion analysis

The analysis allows you to compare and calculate rotation index and slow motion items based for different time periods and for classes of material, warehouses, manufacturing orders.

Documents

Contains a pivot table to survey the data details of the graphic representation described above; it is a useful tool for monitoring data.