

The added value of data warehouse-based Business Intelligence

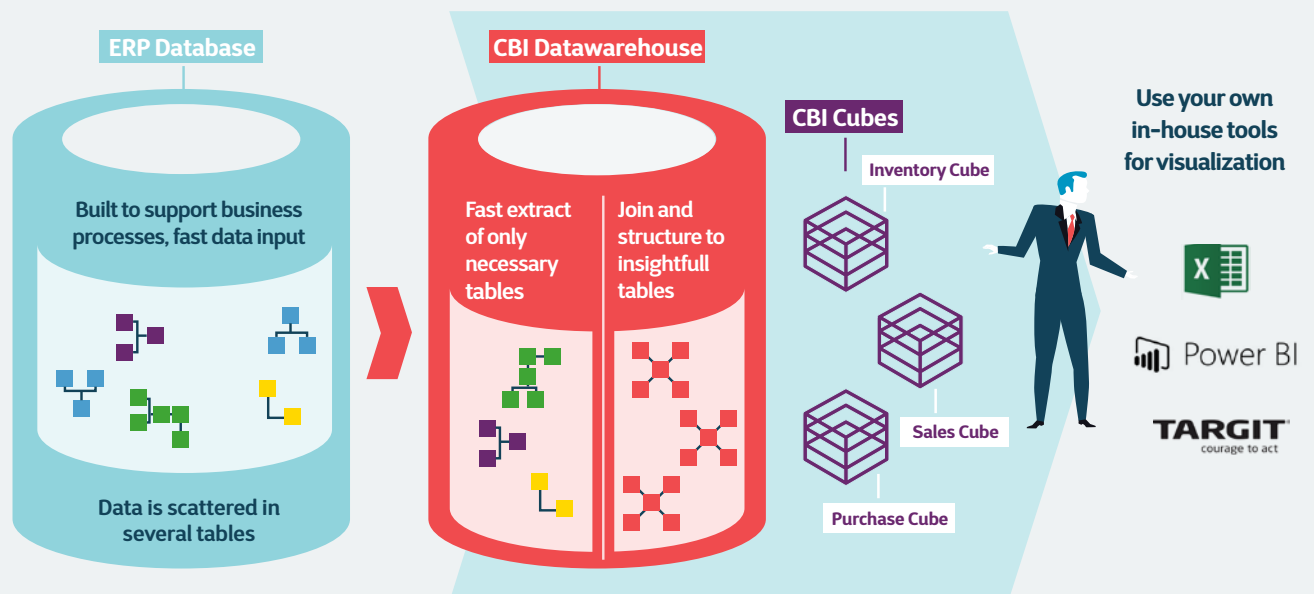
Cegeka Business Insight Suite

The demand for Business Insight is growing. Businesses are looking for ways to obtain objective, detailed information fast, in order to respond to opportunities and chances with more agility. Most ERP systems have some form of intelligence tools, built on the data model of the ERP in question. These tools put a lot of stress on the ERP database and lack the speed to meet the growing demand for quick, actionable insights.

Data volumes are growing at an exponential rate and businesses also feel an increasing need to combine data from several sources, including Microsoft Dynamics 365 and AX ERP, historic data and data from other applications. All of that data needs to be consolidated into clear organization-wide metrics. In order to do so, and in order to facilitate fast data retrieval, a more structured approach is necessary.

The next step, a data warehouse

That is why the Cegeka Business Insight Suite is built on a separate, underlying data warehouse, where data is transformed, stored and structured. Every night, data is extracted, transformed and loaded from the ERP database and other sources. That process relieves stress on the Dynamics 365 or AX database. From the data warehouse, relevant tables can be extracted with great speed and data is structured, pre-calculated and combined into cubes in which all relevant data for one domain is consolidated.



The data in those cubes can be visualized with a wide range of BI-tools and spreadsheet applications like PowerBI, Excel, Targit and many more. Several useful templates can be used and reports can be fully personalized to suit the requirements of every user.

So what are the benefits?

Business Insight that is founded on a solid, **separate data warehouse offers broader insight, and more intelligent possibilities**, and thanks to the broad, ready-to-use standard content, up to 80% of your intelligence requirements can be met from day 1. But there are even more benefits to consider.



No load on AX or Microsoft Dynamics 365 database during the day.



Great performance for extracting and transforming data.



Pre-calculated aggregations of figures in cubes, which means faster reporting.



Combine and map data from several sources: historical data, external Excel data and customized tables.



Data warehouses are easier to manage long-term and are a solid base for future innovation.



Key users can make personalized reports based on a corporate-wide defined metrics and data model.

**Are you interested in more Business Insight?
Does your organization feel a need for more insight?**

We'd like to hear your story.

Contact Cegeka



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