

Infrastructures pour les entrepôts de données

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Conférence industrielle invitée

Why it is so important to take care about the infrastructure choice in data warehousing solution, particular now?

During the last 20 years evolutions and revolution in business intelligence (BI) area were driven by the technologies discover, in particular with new software products: Queries, Olap, data mining, analytical , ETL, metadata tools. The focus was given first to functional coverage, the end users functionalities, the data architecture, the database capabilities but platform was not in the decision center in the component of the BI solution.

Since two years users start to ask to access information in real time, what we can call Dynamic warehousing. Dynamic warehousing is a new approach to address the primary business challenges organizations face today, which requires the ability to deliver the right information to the right people at the right time to more effectively leverage information and enable more effective business decisions. It's about information on demand to optimize real-time processes.

This new requirements highlight the platform capabilities and now the challenge start first with an infrastructure challenge in the BI solutions which are delivered to the customers.

Dynamic Warehousing requires four key things:

1. Support for real-time access to aggregated, cleansed information, which can be delivered in the context of the activities and processes being performed;
2. Analytics that can be leveraged as part of a business process;
3. The ability to incorporate knowledge from unstructured information; and
4. A complete set of integrated capabilities that extend beyond the warehouse to enable Information on Demand

Customers have a real need of Dynamic Data Warehousing which is much more than a Data Warehouse, a new end user product or ETL tool. Today it is more an infrastructure challenge. In this presentation the key role of the infrastructure in the data warehousing will be highlighted specially in the dynamic data warehousing area.

- Why the platform choice is important?
- What are the keys points selection?