

Quick Facts

FOUNDED

2005

HEADQUARTERS

Barcelona, Spain

EMPLOYEES

37

FUNDING

Private, Series A

MANAGEMENT TEAM

Anton Torrents, CEO & Chairman

Kirsten Chapman, VP Global

Marketing & Alliances

Juan Francisco Garcia, VP Product

Management

Joseph Foley, Chief Architect

Herve Barsanti, CTO

KEY MARKETS

Data Warehousing

Analytics

Business Intelligence

Information Management

Infrastructure

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illuminate Solutions

illuminate is the pioneer of the correlation database management system (CDBMS) for building data warehouses, data marts and analytics applications. This radical new information management infrastructure eliminates the need to predefine user requirements and to pre-design a database schema. The CDBMS automatically creates a data-generated schema and indexes 100% of data values on the fly during the loading process—making the time-to-analytics a fraction of other database technologies.

The CDBMS's unique value-based storage (VBS) structure is completely divergent from the record- or column-oriented structures of other databases. In VBS, every data value is indexed and stored only once for unparalleled speed, flexibility and compactness.

The company also has developed a tool suite that takes advantage of the unique correlation information management infrastructure. Standard ODBC-compliant tools can be used as well.

illuminate Correlation DBMS Market

Organizations building and maintaining analytics systems are forced into a trade-off between query performance and flexibility. To maintain fast time-to-results, structured databases require that data relationships be omitted, which negatively affects query flexibility. This means that to do ad hoc analysis, it often requires IT intervention to re-architect the indexing, schema or data cube, then to reload the data and recalculate all values. Unfortunately for IT and users alike, it's not unusual to have to go through this process to run a series of ad hoc queries to get desired answer. Query time-to-results might be quick, but the time-to-answer is dismal.

Organizations with analytics systems in place for more than a year or two have already learned that these restrictive information management structures are breaking down under the weight of ever-increasing ad hoc analysis demands from tech-savvy users. Structured database technologies simply aren't designed to accommodate change. To relieve some of the strain, organizations are building data marts that are highly optimized for specific needs. Unfortunately, these don't eliminate the underlying problem: the requirement to predefine and design a database structure that omits relationships in order to achieve reasonable query performance.

The correlation database solves the dilemma by indexing 100% of the data values for user access. Its data-generated schema is defined by the data itself during the loading process and no correlations are omitted. New data sources can be integrated automatically by just loading. This dramatically cuts the time-to-analytics. With CDBMS, not only are deployment time and cost dramatically lower, users' time-to-answer for ad hoc analysis is a fraction of what it is with other database structures.

The company's CDBMS can be used to build corporate and project data warehouses (or data marts).

Products

illuminate offers a full line of products for building and accessing data warehouses:

- **iLuminate™**—correlation database engine (v.4.0)
- **iCorrelate™**—exploration tool for data miners and business analysts
- **iAnalyze™**—light analytics, dashboard and mapping tool for business users
- **iLuminate SDK™**—tool kit for custom application development

Customers

illuminate has more than 50 customers installed worldwide across a variety of industries, including banking, retail, insurance, oil and gas, telecommunications, and consumer agencies, as well as public sectors. Customers include notable companies, such as BBVA, Bon Preu Group, ZURICH, infojobs, RORI, and other European and South American companies.

Sales Channels

The company sells its CDBMS engine and data warehouse access products through a direct sales force in Europe and through a partner network of IT consulting firms in the Americas.