Cube Business Intelligence

Unlocking the Power of Your Data

Your one-stop shop for all your risk, credit, liquidity and compliance needs running seamlessly in the Cloud.

The most complete risk data warehouse and BI platform, founded on CubeLogic's in-depth understanding of commodities trading and energy companies.

Business Intelligence

Business intelligence (BI) is a general term for the discipline of gathering, storing, analysing, and providing access to data to help enterprise users make better business decisions. BI applications include the activities of decision support systems, query and reporting, online analytical processing (OLAP), statistical analysis, forecasting, and data mining. BI can be:

- Mission-critical and integral to an enterprise's operations or occasional to meet a special requirement;
- Enterprise-wide or local to one division, department, or project;
- Centrally initiated or driven by user demand. The concept of self-service analysis of data is vital;
- 24/7 real-time for up-to-the-minute information.

CubeLogic understand the needs of trading organisations and has applied BI technologies to provide key applications. Our BI applications make up a suite of products to bring data together from multiple sources and manage risk, credit, liquidity and compliance.

Fast Track to Advanced BI

CubeLogic is a fast track to managing risk, offering immediate business benefits without the need for expensive, long drawn-out implementation projects.

The platform uses advanced OLAP technology to offer an *ultra-fast, real-time analysis tool*. Users access the cube through a *familiar and easy-to-use Excel front end*. Using pivots and charts, *reports and graphing can be easily displayed*, with a variety of *breakdown criteria and multiple drilldown possibilities*.

Intelligence Capabilities

Credit Cube, including general management of exposures, contracts and collateral, as well as more complex analytics for what-if, stressing, and simulated Monte-Carlo style potential future exposure and CVaR.

Risk Cube, integrating multiple trading systems into a single real-time multidimensional position analysis cube. Manage VaR, P&L, and Risk Sensitivities across the enterprise.

Scoring Cube, for analysing financial statements and counterparty rating models.

Liquidity Cube, for managing the general ledger, credit facilities, bank accounts, credit reserves, and liquidity requirements.

Regulatory Cube, for compliance, supporting multiple rulesets and including EMIR, MiFID II and REMIT regulation.

Reference Data Management, for managing golden source data and ensuring consistency across disparate systems.

Workflow, for defining business processes across teams, across systems and across geographies.

The CubeLogic platform can *define and maintain a complete set of golden source reference data and share data across multiple systems*. Workflow tools allow data to be published to different systems and externally for regulatory compliance.

CubeLogic

Figure 1: A Typical Dashboard

The ultimate Business Intelligence tool

- Ultra-flexible multi-dimensional reporting and analytics cubes;
- Real-time calculation engine to see the impact of new or potential trades immediately;
- Cloud deployment for immediate business benefit and lower running costs;
- Fully web-based for thin-client and cloud deployments;
- Advanced reporting and analysis through Excel;
- Scalable solution for both large and small operations;
- Industry standard technology;
- Highly extensible data mart;
- Access the information on multiple devices and mobile;
- Advanced visualization capabilities with sophisticated dashboards;
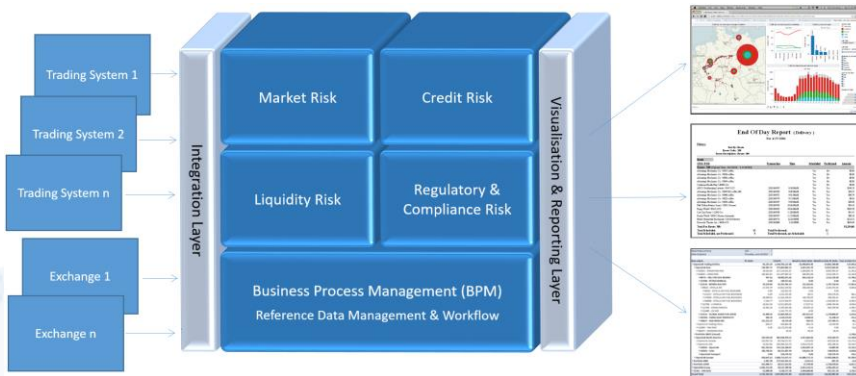- Utilises the latest advanced Microsoft technology.

Figure 2: Visualisation & Reporting of all Risk Exposures

Technology Story

- Built on top of Microsoft's Business Intelligence platform;
- Advanced OLAP database technology platform using Microsoft's SQL Server;
- Highly integrated with Excel for front end analysis directly on the Credit Cube;
- Sophisticated integration technology, ETRM agnostic;
- Microsoft Azure Compliant for Cloud-Based Deployment or on-premises.

CubeLogic provides Business Intelligence products and services in risk management for the energy, commodity and investment banking markets. In the current volatile market conditions, CubeLogic addresses the increasing demand for robust, cost effective Business Intelligence solutions for risk management. The founders of CubeLogic are all renowned experienced industry specialists who have an impressive track record of developing and implementing global risk IT solutions.

www.cubelogic.com

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