

Case Study: Web-Based International Trade Knowledge Discovery System

About the Client

TradingCube Inc. is a technology start-up company. Its portal TradingCube™ will provide subscribers with dynamic analyses of world markets for baskets of goods allowing them to extract actionable information to make strategic and tactical decisions on international business

Client Situation

TradingCube's vision is to enable small and medium-sized business to have improved access to information and dynamic analysis of world markets in a single source over the Internet.

The result is TradingCube™ the data intensive portal .The portal is to collect trade details across multiple commodities and provide analytic and reporting services to its subscribers. It will also provide trader details and their credibility's across the globe.

Provide flexibilities for the users to import data and reports in to various forms for their further usage. The portal also provides historical analysis and comparison between countries and partners.

Building a portal that provides the functionality of a novel combination of tools including knowledge discovery, data management technologies, web technologies, international trade economics and strategic analysis.

Designing the architecture, which scales to the world -wide subscribers and handles large amount of data and manipulation. The reporting and data rendering performance to match a normal website. Preparing complex algorithms to provide analysis and reporting services.

Building the security that will meet and scale for matching the future requirements and models.

Our Solution

CSSI's team of professionals joined hands with TradingCube to complete its prestigious product.

CSSI team designed and developed data management and application data components.

Database

- Logical and physical modeling of database
- Reporting architecture design
- Data Extraction and loading
- Data aggregation and loading
- Complex data manipulation algorithm

Web Portal

- Analytic reporting services
- Subscriber management modules
- Security Modules and Performance Optimization
- Portal development and Integration
- Integration of various other applications for the portal
- Built complex charting and mapping services

Technology Used:

Java 1.3 – MVC Architecture, Oracle Application Server, Oracle 9i, Windows 2000, RedHat Linux.
XML, NetChart Server, ASP

Benefits

Start up company TradingCube has benefited from the offshore delivery capability of CSSI.
Some of the benefits are:

- Immediate ramp up of team
- Quick commercialization
- Less cost of “Concept to commercialization”
- Quality of delivery
- Flexible and Committed resources
- Data management and Application development expertise



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