Objectivity Case History

Customer Information

Customer: Metropolitan Water District

Industry: Water management/process control
Application Domain: Process and cost management, water application
Status: Prototype of development
Platform: Windows NT/Dec Alpha
Compiler: Java
Other Tools: Select enterprise modeling tool

Buying Criteria

The "performance Center" application is an object system which takes information from water control systems, financial cost systems, and manual systems and dynamically integrates these data types into one system. The objective of this new application is to better gauge the cost of treating or manufacturing clean water by the plant, and subsequently reducing cost.

Why Objectivity

- Oracle's RDBMS is not able to scale from 40,000 transactions a day to millions of records a day as this data gets combined.
- Objectivity will give their "Performance Center" application the ability to be platform independent from a hardware perspective.
- Objectivity gives Metro the system reliability of having a distributed database architecture with DRO and FTO. Metro needs the capability of having no single point of failure as well as replicating the data at a local point-of-failure. They chose Objectivity vs. a relational database because Oracle couldn't deliver this feature in release 8.0.

Contact Information

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