

Objectivity Case History

Customer Information

Customer: Raytheon E-Systems Falls Church, VA
Industry: Government
Application Domain: Data Acquisition Engineering Analysis of Satellite Info. (D3)
Status: Prototypes being developed, need to feel a bit more comfortable with our product and our company.
Platform: SGI Irix 6.4
Compiler: C++
Other Tools: Raytheon is using the same early 5.0 release we have shipped Lockheed Martin D3.

Buying Criteria

Scalability - need the ability to add more servers in the future and immediately see the benefits of distribution.

Company viability - must feel we are not a "vanishing vendor" as they discovered using Illustra.

This is a huge issue with Raytheon.

Distribution - need to be able to add servers in the future as their volumes grow.

Technical Evaluation (Objectivity VS Oracle 8)

As of today (2/26/98) Objectivity has received a PO for \$517,140 and we won the technical evaluation against Oracle. Actual numbers available from Don Beck.

There were some cases where Oracle 8 was quite a bit faster than Objectivity/DB. Raytheon felt that complex queries and the results of the bulk load where Objectivity was much faster (orders of magnitude) were more important.

Raytheon went on to say that the other deciding factors are:

- ◆ Oracle 8 does not support inheritance
- ◆ Oracle 8 does not support complex relationships
- ◆ Oracle 8 performs unacceptably slow for complex queries
- ◆ Oracle 8 is not an Object Database Management System despite the spin they try to put out

Why Objectivity

Scalability
Supports complexity data model
Supports complex relationships
Deploys successfully
Recommendation of Lockheed Denver(D3)
Supports Inheritance

Competition

Oracle 8

Oracle has attempted to convince them that Oracle 8 is truly OO. Raytheon has since discovered this is simply not true. The fact that Oracle does not support inheritance is a big deal. Oracle is trying to show them a work around for the lack of inheritance. So far, they've yet to produce anything.

Contact Information

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