

## CASE HISTORY

**Customer:** Perspecta, Inc.

**Industry:** Client-Server Architecture for database content organization.

**Application Domain:** Knowledge Management: Sells to domain experts ie: travel agents, librarians, brokers, customer support reps. Perspecta SmartContent Server, Editor and SDK organizes and delivers database content to enterprise decision makers.

**Status:** Evaluation Phase. Competitive vs. relational and all OO. (Perspecta Technical Team rates Objectivity highest in performance amongst OODBMS vendors. Perspecta Marketing is still choosing between 3 architecture strategies, mostly shaped by their customer base reliance on relational data:

1. Load schema into existing customers relational database, don't use objects
2. Use both OODB or flat file with RDB to update object database (driven by relational updates not vice versa)
3. Use relational with object database to communicate and update customers' relational data *and* vice versa. At Perspecta – the metadata and schema is stored in the object database, the relational database stores the raw information.

**Platform:** NT

**Compiler:** Java

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### Buying Criteria:

- See also below: Perspecta OO architects want good Java performance, scalability, transparency, distribution, versioning, clustering.

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### Why Objectivity:

\* Perspecta began evaluating ODI's Java product first. Perspecta found serious holes in ODI's Java product including 1) ODI Java/C++ interoperability is not good. Must use preprocessing with ODI 2) ODI's Java does NOT allow indexing on multiple attributes (can only index on single attributes with ODI-Java)

\* Scalability, embedded

\* Distribution, Federated Architecture

\* Versioning

\* Java Features

**Perspecta Inc.**

**Why Objectivity, continued:**

- \* Transparency
  - \* Likes Objectivity container structures
  - \* Likes Objectivity/DB ability to handle/navigate complex relationships
  - \* Likes Objectivity indexing
  - Likes Objectivity customer reference information
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