

## ABSTRACT

This project is a descriptive survey describes the concepts and characteristics of Object-Relational technology which drove Oracle8 database to industry leadership. As a key component of Network Computing Architecture, Oracle8's advanced features and functionality, unique architecture for n-tiered computing coupled with the company strength positions positively against any competitor. This paper intends to take you through the Oracle8 features and compare them to the offerings and plans of the most frequent competitors in the database, systems management, and cartridge areas.

With the best plays offense namely: Java and Application Development which Oracle8's Java-in-the-database not only provides a powerful, platform-independent development environment, but also provides a highly scalable execution platform for web-based applications. Oracle's Internet strategy is to put the software on a couple application servers which dramatically reduces overhead maintenance costs. Web Information Management, Oracle8's extensible framework and wide variety of cartridges provide robust support for all multimedia data and web information management requirements. Oracle enables customers to store and retrieve files into the database server. The additional flexibility of WebDB makes it easy for applications to be built and deployed. Data can be stored directly in the database, it can be accessed by a URL or it can even be loaded from the file system. Enterprise Application Integration. Leveraging Java, Operational Simplicity which Oracle8 provides ease of use, superior manageability coupled with interoperability and choice, Operational Simplicity, Enterprise Java Beans, sophisticated business messaging, events, data replication and gateways, Oracle8 is a platform which

enables organizations to integrate and extend their legacy applications in today's leading enterprise applications. Data Warehousing which Oracle8's new set of partitioning methods coupled with powerful materialized views, summary provides unsurpassed supports for all aspects of data warehousing. High Availability/Scalability which Oracle8 includes many enhancements for Oracle Parallel Server, the industry leading optimizer, improved archiving, better recovery, and many OLTP enhancements, all which provide highly scalable environments with better resource usage and many different proven availability solutions.

This comparison will not be dictated based on features and functions. Many of sophisticated corporations plan to re-engineer their business processes to enable them to compete in fundamentally new ways by making their decisions subjected to a pure technology discussion and may not really care. It will be won based on how decision makers perceive the relative benefits of the products and the value which they feel the products provide back to the business and for their own careers.