

# DBMS and Hardware Platform Justification

## Reduce Risks, Improve Service Levels

BEZ Systems offers the *DBMS and Hardware Platform Justification ProService Pak* so you can leverage BEZ software and services to select the best platform for your environment. BEZ professional services experts will use BEZ software to collect and aggregate measurement data, and they will model and predict how expected workloads will perform on DB2 UDB versus Oracle or Teradata.

They will also model and predict how a specific workload will perform in SMP, MPP or cluster environments on various hardware platforms so you can plan your capacity requirements—now and into the future. You therefore reduce the risk of performance surprises, avoid uncertainties and ensure that you consistently deliver acceptable service levels.

## Leverage The Industry Experts

BEZ Systems will provide you with a report summarizing results of the performance prediction and a comparison of the various DBMS, architecture and hardware alternatives. It will even include an analysis of the impact of the DBMS version upgrade and a comparison of the DBMS and hardware configuration alternatives.

## ProService Paks from BEZ Systems

BEZ Systems provides the expertise to help you implement best practices for ensuring results so you can benefit from a fact-based analysis of how your workloads will perform on different DBMS and hardware platforms. We offer our Strategic Performance Management methodology to help you implement best practices for optimizing the performance of database applications over time.

ProService Paks allow BEZ experts to assist with specialized projects, and the *DBMS and Hardware Platform Justification ProService Pak* allows you to quickly improve performance and improve return-on-investment by sizing and cost-justifying the appropriate DBMS and hardware platforms.

Services are available in the form of “Paks”, which are pre-defined service offerings that assist customers in the implementation and roll out of BEZ solutions. You can harness the power of BEZ technology and swiftly take advantage of the robust features of BEZ software. They have been designed to help companies implement best practices. Each ProService Pak focuses on the customer’s specific needs and offers clear deliverables.

### Customer Responsibilities

The *DBMS and Hardware Platform ProService Pak* requires the assistance of a DBA during the product installation. You provide a dedicated PC and your DBA performs the initial setup of the BEZ software, with assistance from BEZ. You also provide your workload and database growth assumptions and the proposed DBMS and hardware alternatives you would like evaluated. Since most of the service will be provided from BEZ headquarters, we will require remote access to the local PC running BEZ software.

### Services To Be Performed by BEZ

The *DBMS and Hardware Platform ProService Pak* will be completed in one month. A BEZ performance optimization expert will conduct the initial interview to understand your environment and your business and technical challenges, identify key participants and document the assumptions for the engagement. The BEZ professional services engineer will also explain the process and deliverables to your team.

BEZ will support product installation and collect measurement data during one week, perform a workload characterization and build a resource, data usage and SQL profile of the major workloads. BEZ will perform workload forecasting and provide a performance prediction and comparison of how the same workload will perform on different DBMS environments—including DB2 UDB, Oracle and Teradata. BEZ will similarly provide a performance prediction and characterization of how the workload will perform on different hardware platforms with SMP, MPP or cluster architectures.

We will also predict the impact of a DBMS version upgrade, including a migration to DB2 UDB v8, or Oracle 8i or 9i to 9i RAC or 10g. The *DBMS and Hardware Platform ProService Pak* also includes a presentation of results and recommendations so you can justify the appropriate DBMS and hardware platforms.

### About BEZ Systems

BEZ Systems is the leading provider of predictive performance management solutions. Companies with large database applications, such as data warehouses, rely on BEZ software and BEZ ProService Paks to help them consistently deliver expected service levels to business users. BEZ software delivers the ability for IT to look ahead and proactively plan and manage resources and data so they can focus on satisfying the most critical business requirements. In this way, BEZ software complements the many existing database performance monitoring and tuning technologies used by IT to react to problems.