

# BEZVISION



## Key Benefits

Better understanding of performance, resource utilization, and service level delivery

Automated “hands-off” early warning system to proactively avoid problems

Proactively identify service delivery problems and compare solutions quickly

Provide justification for remediation decisions

Set realistic performance expectations and continuously manage to those expectations

Reduce or eliminate service delivery problems

Reduce IT costs by reducing need to over provision

Easily adapt the IT infrastructure to support business

## Highlights

Growth projections can be based on user input or by utilizing automatic trend history analysis

Prediction engine supports a host of “what-if” scenarios: growth expectations, hardware changes, database design changes, server consolidations, new application introductions, Oracle memory pool changes etc.

Provides a clear mechanism for setting realistic performance goals and measuring actual data against those goals

Actual performance is constantly compared to predicted results. Automatic notification occurs when measured data begins to deviate from predicted values

Performance data collection using Oracle EMGC Management, HP OpenView, and more

*BEZVision™* for Oracle® Databases is a proactive performance management solution for IT management that can provide a business-oriented view of Oracle resource utilization, performance, and service levels from the past into the future. Using BEZVision, IT organizations can proactively manage Oracle performance so that problems may be avoided, resource planning may be done more cost-effectively, and IT can better react as an enabler of business initiatives.



*BEZVision for Oracle Databases delivers the necessary ingredients for true Proactive Performance Management (PPM).*

## Proactive Solution for IT Management

BEZVision for Oracle Databases is a proactive performance management tool that is designed to provide IT management with the information that it needs to make critical decisions about Oracle service delivery. Unlike other performance management tools that help technologists quickly isolate and fix problems and tune the Oracle infrastructure at great depth, BEZVision for Oracle Databases is a management oriented tool helping IT management to:

- Anticipate and avoid service delivery problems within their Oracle infrastructure
- More effectively apply IT resources to support the goals of the company now and into the future
- Understand the repercussions of both planned and unplanned changes to the Oracle environment
- Understand the impact of and plan for new business initiatives
- Help make intelligent people and resources decisions
- Foster a meaningful collaboration between management, users, and IT

## Putting a Business Lens on IT

BEZVision is a management solution that bridges the gap from technical performance data to actionable business information about resource utilization, performance, and service levels.

### Business-Oriented Workloads

BEZVision for Oracle Databases delivers performance information as workloads. A workload is a body of work that is meaningful to business and IT management. BEZVision for Oracle Databases transforms the performance data captured by multiple sources into actionable information that is easy for management to understand and to use to support critical IT decisions.

### Automated Service Level Breach Notification

Beyond providing a business oriented understanding of Oracle resource utilization, performance, and service levels, BEZVision for Oracle Databases provides an automated early warning system that will identify and notify of *abnormal trends*, *performance objective breaches*, and *actual vs. expected variations* for problems that may arise near term and well into the future.

### Workloads Over Time

BEZVision provides IT management with a view of workload performance information in the past, present, and future. Over time, BEZVision will allow IT management to move from near-term tactical planning to long-term strategic planning performing tasks such as:

- *Change Impact Analysis* – Allowing IT to know the impact of changes before they make them
- *Activity Profiling* – Allowing IT to evaluate and compare multiple scenarios to make informed performance decisions and provide tangible justifications for the decisions and changes they make

- *Performance Planning* – Allowing IT to plan performance well into the future as well as effectively assessing risks to the Oracle database infrastructure and performing business continuity planning

### Workload-Oriented Analytics & Predictive Capabilities

Detailed measurements, workload-oriented analytics and powerful predictive capabilities combine to help IT align more closely with the needs of the business. With BEZVision for Oracle Databases, IT can model and understand the impacts of things such as:

- Activity growth
- Database size or I/O processing growth
- Hardware changes (CPUs, CPU speed/quantity, Number of Nodes, Vendor, Model, etc.)
- Storage related changes (vendor, model, disk type, raid setting, number of disks, etc.)
- Schema changes
- Database memory cache pool adjustments
- Migration to RAC from standalone instance
- RAC expansion (additional nodes/instances into an existing cluster)
- Consolidating workloads from different servers
- Adding or removing workloads

### Data Collection

Raw data is collected from different sources within the infrastructure; the Operating System, Database and Disk sub-system. This data is aggregated and aligned on an hourly basis to provide a comprehensive profile of the data service delivery that was attained. BEZVision for Oracle Databases supports multiple data collection methods:

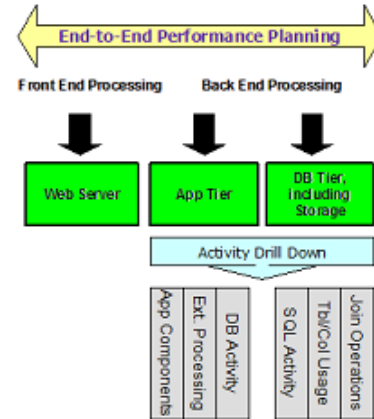
- Remote agent data collection
- Oracle Enterprise Manager Grid Control Repository
- HP OpenView
- Symantec i<sup>3</sup>

### Leveraging and Extending EMGC

BEZVision integrates with and extends advanced native features of *Oracle 10g Enterprise Manager Grid Control (EMGC)*. By leveraging data from these advanced Oracle features, the joint solution provides BEZVision users with a powerful, full-featured management environment capable of effectively managing change and optimizing Oracle performance and service delivery - past, present, and future.

### BEZVision's Components

BEZVision has two components = BEZVision for Oracle Databases and BEZVision for Java EE Applications. Combined, BEZVision for Oracle Databases and BEZVision for Java EE Applications provide an unparalleled and unique multi-tier performance management solution that allows an IT organization to understand and proactively manage performance across all of the application delivery tiers: web server, Java EE application server, and Oracle database server. BEZVision for Oracle Databases may be licensed alone or with BEZVision for Java EE Applications.



## Technical Specifications

### **Monitored Server Support:**

#### *Monitored Operating Systems*

- AIX - 5 or later
- HP-UX - 11 or later
- Red Hat - RHEL 3 or later
- Solaris - 8 or later
- SuSE ES - 9 or later
- Windows 2003 or later

#### *Monitored Database Systems*

- Native: Oracle 8i, Oracle 9i, Oracle 10g
- EMGC Plugin: EMGC Grid Control Rev. 2 (10.2.0.1 or later)
- Symantec i<sup>3</sup> Integration: InDepth for Oracle V 6.2.1 & 7.1 monitoring all supported versions of Oracle

#### *HP OpenView Integration*

- OpenView – OVPA C.04.50, C.04.60; OVPM 6.00.000; OVI 3.4

#### *Volume Managers*

- VxVM 3.5, 4.0
- Native LVM

### **BEZVision Application Server Requirements:**

#### *Operating Systems*

- Windows 2000 or later
- RedHat, SuSE Linux, Kernel v2.4+ (w/SUN JRE 1.4.2+)

#### *Repository Database Versions*

- Oracle 9i, Oracle 10g

## About BEZ Systems

BEZ Systems is an innovator in the emerging market for Proactive Performance Management (PPM) solutions. PPM provides a line-of-business view of application and Oracle database resource utilization that allows the enterprise to accurately profile both current and future application performance, compare change and growth alternatives, forecast results to set expectations and verify actual performance results versus predictions. BEZ Systems empowers IT to manage change, set realistic expectations, justify provisioning actions and ensure the delivery of consistent, uninterrupted data service to the business at the lowest cost. component of verifying that business objectives and performance goals can be met, thereby minimizing any shortfalls in service.

### **Contact us for more information:**

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