

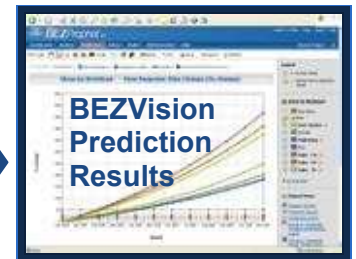
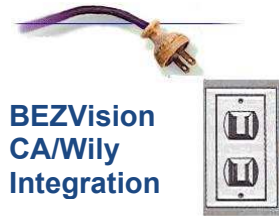
Solution Note

CA Wily Introscope® Data Collection for BEZVision

BEZVision™ for Java EE Applications is a proactive performance management solution that provides IT managers with the necessary information to make informed decisions about application service delivery. BEZVision helps IT managers:

- Anticipate and avoid service delivery problems within the application infrastructure
- More effectively allocate resources to support the goals of the business - now and into the future
- Understand the impact of both planned and unplanned changes to the application environment
- Understand the effects of, and plan for, new business initiatives
- Make intelligent decisions regarding people and resources
- Foster a meaningful collaboration between management, users, and IT

BEZVision provides a business-oriented view of application resource utilization, performance, and service delivery – past, present and future. BEZVision helps IT organizations to proactively manage application and database performance so that problems can be avoided, resource planning can be done more cost-effectively, and IT can optimize service delivery of critical business initiatives.



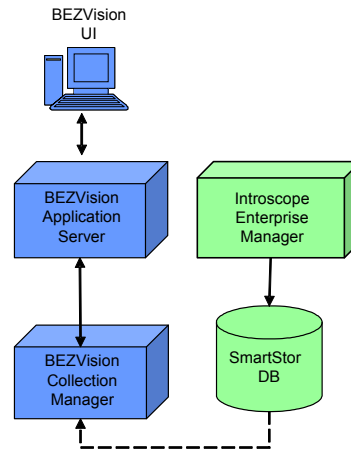
Harnessing the Power of CA Wily Introscope

In addition to its powerful native analytic and predictive capabilities, BEZVision is integrated with CA Wily Introscope for collection of Operating System (OS) metrics, node data and data from Java EE application servers such as BEA WebLogic™, IBM WebSphere®, and JBoss®. By using data from Introscope, BEZVision users have a powerful, full-featured management environment capable of effectively managing change and optimizing Java EE application server performance and service delivery - past, present, and future.

CA Wily Introscope uses its JVM Collection agent to collect performance data from Java EE application servers and its Environment Performance (EP) agent to collect information from the monitored OS. This performance data is reported to the Introscope Enterprise Manager and placed in the CA Wily Smartstor. The BEZVision Collection Manager gathers the data that BEZVision needs from Smartstor at regular intervals.

CA Wily Introscope provides all necessary data for BEZVision to automatically build profiles of each application or Line-Of-Business (LOB). These profiles provide a detailed view of resource consumption, data usage, response time and throughput. Once profiles are built, IT managers can easily ask “what-if” questions regarding the performance and capacity of their application environment. BEZVision will automatically produce performance predictions for the next 12 months or readily accept

a customized planning horizon. New predictions exploring load, infrastructure changes, and application mixes can be produced in a matter of seconds. IT managers can easily explore different JVM configurations, JVM moves and supporting more JVMs per node.



CA Wily Introscope/BEZVision Integration Architecture

BEZVision generates consolidated analytics and performance prediction capabilities across JVM clusters. When used with BEZVision for Oracle Databases, it also provides unparalleled visibility into the Oracle database tier with multi-tier analytics and prediction capabilities.

Using BEZVision with CA Wily Introscope, application managers and other IT professionals can ask important “what if” questions, such as:

- How will the current environment scale according to my application growth plans?
- How will the production environment run if I decide to move JVMs to different servers or add more JVMs to a node?
- Are there any potential performance breaches lurking on the horizon? If so, where are they and what impact are they likely to have on response time and throughput?
- Are there any configuration changes (e.g. thread pools, connection pools, heap size), or ratio of backend requests per user transaction that will help maintain good performance and meet agreed upon service levels?

A Solid Solution for Today and Tomorrow

BEZVision addresses immediate tactical problems and longer term strategic service management issues:

**Current: tactical, reactive use –
Using technology to solve immediate problems**

BEZVision profiles complex Java EE application processing to understand resource consumption and workload response time and throughput. BEZVision provides automated notification of both current, and future potential performance issues, and provides a guided process to help identify, and proactively resolve service-level problems quickly.



Future: Proactive use - Using technology to manage IT

BEZVision forecasts performance, resource utilization and data usage at an application workload level, and predicts when service levels for individual LOBs will not be met and business growth will be affected. Detailed measurements, workload-oriented analytics and powerful predictive capabilities combine to help IT align more closely with the needs of the business.

Summary

BEZVision for Java EE Applications provides a powerful solution for accurately assessing the performance and capacity needs of complex Java EE application environments. It also provides realistic expectations and minimizes the risk of unpleasant surprises. Built-in automated functions, such as 'set and forget' monitoring and hands-free "As-Is Predictions™" minimize the time and effort required to build models and ask "what if" questions regarding the performance impact of change and growth.

With BEZVision, IT managers can:

- *Anticipate and mitigate* problems before they occur
- *Accurately profile* resource consumption and performance of the application environment
- *Evaluate* the performance of production applications
- *Quantify* the impact of re-hosting to a different server, consolidating to fewer servers, or evaluating a possible shift from UNIX to Linux
- *Perform "what if" analyses*, including predicting the impact of workload growth to pinpoint system changes that will ensure ongoing delivery of acceptable performance

BEZVision provides any IT organization with a competitive advantage by avoiding problems in the IT infrastructure and aligning the infrastructure to better support the needs of the business. With BEZVision, IT becomes a full partner with LOB management by effectively achieving business goals and objectives.

About BEZ Systems

Since 1993, BEZ Systems has been offering innovative solutions that provide a line-of-business view of application performance, resource and data utilization for today and tomorrow. These solutions include performance tuning, database performance optimization and capacity recommendations allowing database professionals to accurately compare 'change and growth' alternatives and forecast future requirements. Future performance predictions are an invaluable component of justifying specific actions assuring that business objectives and performance goals can be met, thereby minimizing any shortfalls in service.



BEZ Systems, Inc. ♦ 345A Summer St., Boston, MA 02210 ♦ USA
617.532.8800 ♦ info@bez.com ♦ www.bez.com