



Borland® VisiBroker® 8.0

Comprehensive CORBA® Environment

DEVELOP AND DEPLOY DISTRIBUTED, MISSION-CRITICAL APPLICATIONS

Borland® VisiBroker® is a complete CORBA® environment for developing, deploying and managing distributed applications. Built on proven and open industry standards and a high-performance architecture, Borland VisiBroker is ideally suited for low latency, complex, data-oriented, transaction-intensive, mission-critical environments. With its sophisticated thread and connection management and efficient implementation of the IIOP® protocol, VisiBroker easily scales to large numbers of clients and servers. It supports the CORBA Real-Time specifications for deployment in embedded systems. Borland VisiBroker provides all the functionality needed for seamless interoperability of CORBA applications with other leading technology stacks including Web Services, .NET, and J2EE™ enabling them to conform to a modern Services-Oriented Architecture (SOA).

FEATURES AND BENEFITS

LOWEST TOTAL COST OF OWNERSHIP (TCO) VALUE

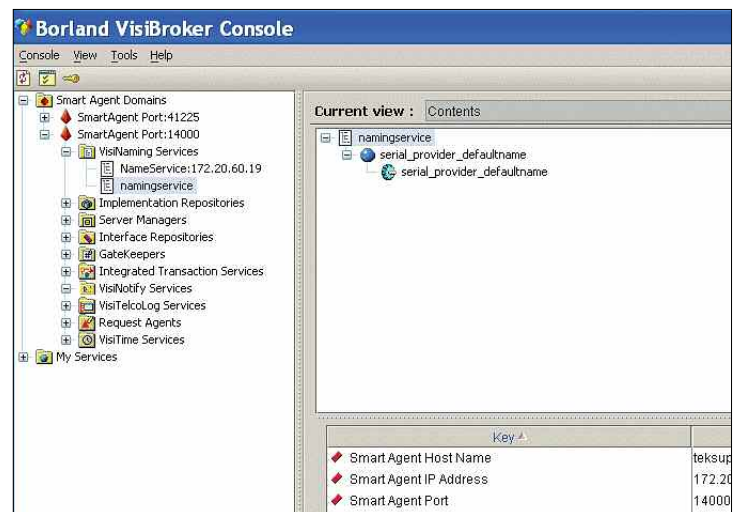
Borland VisiBroker offers the best price-performance ratio of any commercial CORBA ORB on the market, as well as better development productivity and rapid integration. It provides very high reliability and built-in management capabilities to reduce system downtime while ensuring efficient, active resource utilization. Coupled with outstanding technical support, VisiBroker is a cost-effective, low risk solution for CORBA applications.

SUBERBLY ENGINEERED TO GIVE POWER-USERS THE EDGE

Borland VisiBroker is engineered internally to the highest standards to enable users to build sophisticated distributed systems that meet the most demanding requirements thrown at Systems Architects. This attention to detail allows highly performant, highly scalable and highly reliable challenges to be met without compromise. Additional components solve Security, Transactional and Asynchronous Notification needs.

SERVICES-ORIENTED MULTI-TECHNOLOGY INTEROPERABILITY

Borland VisiBroker SOA-enables CORBA applications by providing out-of-the-box functionality to interoperate with applications based on Web Services and the J2EE standards. Additionally, VisiBroker also enables developers to write .NET applications, written in any .NET language (such as Microsoft® C++, C# and Visual Basic®), that can talk to existing unmodified CORBA applications.



Easy visibility into CORBA back-end systems is achieved through a GUI-based console.

BACKWARD COMPATIBILITY AND INTEROPERABILITY

Borland VisiBroker releases provide built-in features for CORBA application compatibility, interoperability and efficient migration. This feature provides investment protection and a migration path for applications written in prior versions of VisiBroker.

WIDEST RANGE OF SUPPORT FOR HARDWARE, OPERATING SYSTEM AND COMPILER

Borland VisiBroker recognizes that Systems Architects will already be placed under platform constraints so VisiBroker is available for a wide range of platform options. Available platforms are characterized by operating system, processor architecture, C++ compiler and JDK to offer architects unconstrained flexibility for distributed systems.

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KEY FEATURE HIGHLIGHTS

SOA-ready — Borland VisiBroker enables CORBA applications to be exposed as services and easily integrate with applications based on other leading technology stacks including Web Services, .NET, and J2EE.

Borland VisiBroker for .NET — Integrate existing CORBA applications with .NET applications without requiring modifications to the CORBA applications. VisiBroker enables developers to transparently write CORBA applications using a .NET language which can interoperate seamlessly with other CORBA applications written in a different language.

Automatic discovery, load balancing, and failover of CORBA objects — Easy configuration for automated discovery of objects, load balancing, and failover. Borland VisiBroker supports standard CORBA naming service APIs, scalable to large networks of objects. It enables high availability of application objects/servers through object clustering and high availability of the Naming Service itself through replicated naming servers and mirrored database backends.

Borland VisiBroker for Java™ and VisiBroker for C++ — Leverage the full Java implementation of the CORBA ORB to make CORBA IIOP available wherever Java is available and the readily portable, full C++ implementation with ANSI-compliant C++ interfaces.

CORBA® 3.0 support — CORBA 3.0 specification-compliant product features include Portable Interceptors (PI), Portable Object Adapters (POA), Objects-by-Value (OBV), Dynamic Invocation Interface (DII), Dynamic Skeleton Interface (DSI), Interface Repository (IR), Messaging QoS and Internet Inter-ORB protocol (IIOP).

RMI-over-IIOP and Java-to-IDL — Write CORBA applications in Java without having to learn IDL™ and other CORBA features; migrate existing RMI applications to the high-performance Borland VisiBroker runtime environment.

Firewall Support — Borland VisiBroker supports bi-directional GIOP for managing a return path through a firewall and Borland® GateKeeper™ provides a flexible proxy-server for managing HTTP web connections and configuring connections for Firewalls and NATs.

Multiplatform availability — Borland VisiBroker is formally supported on an extensive range of platforms including Windows®, Solaris™, HP-UX®, AIX® and multiple distributions of Linux®. For each operating system, VisiBroker supports several processor architectures. It is compatible multiple JDK™ versions. Where applicable, Borland VisiBroker for C++ is certified with multiple alternative system libraries.

Real-time requirements — Borland VisiBroker provides a compliant implementation of the CORBA Real-Time specifications (version 1.1) for applications with real-time response requirements. Real-Time CORBA extensions provide granular control of resource utilization and multi-threading behavior.

Operational visualization — Borland VisiBroker Console aids in development and debugging by providing a runtime view of distributed objects.

SUPPORTED ENVIRONMENTS

- Microsoft® Windows® Vista®
 - For x86 and x86_64 processors
- Microsoft® Windows® XP® SP2
 - For x86 and x86_64 processors
- Microsoft® Windows® Server® 2003 SP2, R2
 - For x86 and x86_64 processors
- HP-UX® 11i v2
 - For 32 and 64 bit PA-RISC and Itanium processors
- HP-UX 11i v3
 - For 32, 64 bit PA-RISC and Itanium processors
- Red Hat® Enterprise Linux® 5.0
 - For x86 and x86_64 processors
- SUSE Linux Enterprise Server 10.0
 - For x86, x86_64 processors
- Sun Solaris 10
 - For 32 and 64 bit SPARC and for x86_64 processors
- IBM AIX 6.1
 - For 32 and 64 bit Power processors

Additional platforms are continually being added. Please check for latest platform availability information.

Borland is the leading vendor of Open Application Lifecycle Management (ALM) solutions - open to customers' processes, tools and platforms - providing the flexibility to manage, measure and improve the software delivery process.

