

# Borland® CaliberRM®

## FREQUENTLY ASKED QUESTIONS

### GENERAL QUESTIONS

#### **What is Borland® Caliber®?**

Borland Caliber is a family of tools that supports the Borland Requirements Definition and Management Solution (RDM). The list of tools includes:

#### **Borland® Caliber® DefineIT™**

Borland Caliber DefineIT is designed to ensure that requirements are defined completely and accurately from the beginning. Business users and analysts can now collaborate to capture detailed business scenarios and visual storyboards with just a few mouse clicks.

#### **Borland® CaliberRM™**

Borland CaliberRM is an enterprise requirements management system designed to facilitate collaboration, impact analysis, and communication in the definition and management of changing requirements. CaliberRM helps organizations – large, small, or distributed – effectively manage expectations across the lifecycle so that projects are delivered on time, within scope, and according to specification.

#### **Borland® CaliberRM™ for Microsoft® Visual Studio® Team System**

Borland CaliberRM for Microsoft Visual Studio Team System is an enterprise requirements management system optimized for development teams using Microsoft Visual Studio Team System. CaliberRM helps analysts facilitate collaboration and communication between the business, developers, testers, architects, and other key stakeholders within Visual Studio.

#### **Borland® Caliber® Analyst**

Borland Caliber Analyst is a complete requirements definition and management solution that integrates the powerful visual scenario and storyboarding capabilities of Caliber DefineIT with the award-winning enterprise requirements management capabilities of CaliberRM.

#### **What is the Borland Requirements and Definition Management Solution?**

Requirements definition and management is a process of collecting a set of requirements that constitute a common understanding among key project stakeholders and customers around an application's capabilities, and then managing changes to that set of requirements throughout the project lifecycle.

*The Borland Requirements Definition & Management Solution* is the only scalable, integrated enterprise requirements definition and management solution to appropriately align people skills, process improvements and award-winning technology to deliver essential capabilities that significantly increase the probability that a project is delivered right the first time. It is the most comprehensive enterprise solution available in for the five key areas of requirements definition and management, including:

## Borland CaliberRM® FAQ

- Elicitation: reduce rework by capturing better information
- Analysis: reduce time to market with more effective collaboration
- Specification: improve quality through more effective communications
- Validation: improve accuracy and completeness to close development lifecycle gaps
- Management: reduce costs through improved change management

For more information, please visit

[http://www.borland.com/us/solutions/requirements\\_definition\\_management/index.html](http://www.borland.com/us/solutions/requirements_definition_management/index.html) .

### CALIBER DEFINEIT QUESTIONS

#### **What is the latest release of Borland Caliber DefineIT?**

The latest release is Borland Caliber DefineIT 2006 which was released on May 5, 2006.

#### **What is Borland Caliber DefineIT?**

Caliber DefineIT is designed to ensure that requirements are defined completely and accurately from the beginning. Caliber DefineIT directly supports all 4 process areas of requirements definition:

*Elicitation* – Provides business users and analysts with a simple way to collaboratively capture business scenarios and get instant visual feedback. The result is better communication and better requirements from the start.

*Analysis* – Prioritize and estimate business scenarios that are critical to delivering the most significant business value in the shortest time possible. This task is simplified greatly through scenario visualization, organization, and metrics.

*Specification* – Iteratively and incrementally add detail through use cases, business rules, business models, and prototypes to achieve the optimal requirements model. This ensures that all stakeholders have the information they need to perform efficiently and effectively.

*Validation* – Business stakeholders can clearly envision the system by reviewing requirements through execution of visual storyboards. This leads to accurate and complete requirements that truly meet business needs.

## Borland CaliberRM® FAQ

The most interesting or significant features included in this release of Caliber DefineIT are:

- Powerful Scenario Editor for scenario modeling provides instant visualization by typing in scenario flows
- Add resources such as word docs, excel spreadsheets, screen shots, and live prototypes to further detail and specify scenarios
- Extensive and easy-to-use storyboarding capabilities so you can see what you are missing during requirements reviews
- Seamless integration and synchronization with CaliberRM for requirements management
- Test case generation for Mercury™ Quality Center or HTML
- Transform visual scenarios into UML® activity and use case diagrams and BPMN

### **Does Caliber DefineIT integrate with CaliberRM?**

Yes, Caliber DefineIT allows real-time synchronization of requirement scenarios with CaliberRM. As requirements are created in Caliber DefineIT, they can be generated into CaliberRM and then kept in synch so that all requirements, their descriptions and the scenario diagrams are always up to date from either view. Each Caliber DefineIT project can be synchronized with multiple CaliberRM projects, allowing the selection of project, baseline, and requirement type to synchronize with.

### **Does Caliber DefineIT integrate with Borland® Together®?**

Yes, Caliber DefineIT generates Together based modeling projects that are either UML or BPMN based. If UML export is selected, then activity and use case diagrams are created via a QVT transformation that is customizable for your organization. Similarly, if BPMN export is selected a BPMN diagram is created via QVT transformation.

### **Does Caliber DefineIT integrate with other requirements management tools?**

Today Caliber DefineIT can integrate with requirements management tools via HTML export and import.\* Follow-on releases are planned with integrations to RequisitePro and DOORS.

\*Note: Requires Caliber DefineIT and CaliberRM licenses.

### **Does Caliber DefineIT integrate with testing tools?**

Yes, Caliber DefineIT integrates with Mercury™ Quality Center. Caliber DefineIT can generate Quality Center requirements and test cases to increase speed and accuracy of development.

## Borland CaliberRM® FAQ

### **What development platforms does Caliber DefineIT support?**

Caliber DefineIT is built on Eclipse technology. Please see the system requirements for more information.

## CALIBERRM QUESTIONS

### **What is the latest release of Borland® CaliberRM™?**

The latest release, CaliberRM 2005 Release 2 SP1, was released on March 30, 2006. In addition, the CaliberRM client for Microsoft Visual Studio Team System was added to CaliberRM on May 5, 2006 as the latest component of CaliberRM.

### **What's new in this SP1 release?**

Improved Mercury™ TestDirector®/Quality Center integration:

- Support for multiple Mercury servers
- CaliberRM to Mercury Publisher
- Mercury requirements to test links with CaliberRM requirements
- Added control over Mercury servers and projects selection

### **Document Factory enhancements**

- DocFactory - new REQTREE keyword to filter output
- DocFactory - respect of requirement format specified in Caliber

### **Datamart enhancements**

- Support for Oracle extracts

### **CaliberRM client enhancements**

- Description field: Ability to relocate rows and columns of tables in Description field

### **What IDEs does CaliberRM integrate with?**

Borland CaliberRM has several clients including plug-ins to popular IDEs. The following is a matrix that briefly compares the most significant clients of CaliberRM so you can choose the right one for your team.

## Borland CaliberRM® FAQ

	Windows Client	Eclipse 3.1 Client (ships with Caliber DefineIT and Borland® Together® 2006)	Client for Microsoft® Visual Studio® Team System
View requirements of all types within the requirements hierarchy	Yes	Yes	Yes
Create requirements of all types	Yes	Yes	Yes
Select project and baseline to view	Yes	Yes	Yes
View user defined attributes	Yes	Yes	Yes
Highlighting of glossary terms and ambiguous terms	Yes		Yes
Requirement grid	Yes	Yes	Yes
Traceability grid	Yes	Yes	
Traceability diagram	Yes		Yes
Administrative functions	Yes		
Create/Edit baselines	Yes		
Discussions	Yes		Yes
Compare baselines and requirements	Yes	Yes	
Document Factory reporting	Yes		
Traceability to VSTS work items	Yes		Yes
Traceability to VSTS tests	Yes		Yes
Import from Word	Yes		

### What is Borland® CaliberRM™?

Borland CaliberRM is an enterprise requirements management system designed to facilitate collaboration, impact analysis, and communication in the definition and management of changing requirements.

CaliberRM helps organizations – large, small, or distributed – effectively manage expectations across the lifecycle so that projects are delivered on time, within scope, and according to specification. Designed for

## Borland CaliberRM® FAQ

ease of use, the intuitive interface and powerful decision support capabilities of CaliberRM help teams deliver on key project milestones with greater accuracy and predictability. CaliberRM also helps applications meet end-user needs by allowing all project stakeholders — marketing teams, analysts, developers, testers, and managers — to collaborate and communicate the voice of the customer throughout the lifecycle.

### **Why is Requirements Management so critical in software development?**

Requirements Management is critical to software delivery success for the following reasons:

- Align key stakeholders to improve project success
- Manage requirements changes through the software lifecycle
- Reduce risk with predictable requirements based estimation
- Give all stakeholders visibility into the project status

### **How does CaliberRM fit in to the Borland SDO vision?**

Software Delivery Optimization is the transformation of software development to an accelerated and disciplined approach that aligns the people, process, and technology to maximize the business value of software.

CaliberRM supports the role-based approach of SDO by providing the ability to translate business demands into software requirements, and gain visibility into the impact of requirements and change requests. This enables the business analyst to ensure that software development meets business objectives.

### **Complete Requirements Management Solution**

- Intuitive requirements management solution for non-technical users with a Microsoft® Word-like look and feel
- Centralized repository that is accessible to all project stakeholders with ready access to up-to-date requirements
- Timesaving, intuitive capabilities for managing requirements with version control, traceability, ability to sort and prioritize, threaded discussions, etc.

## Borland CaliberRM® FAQ

- The ability to generate visual diagrams and use cases directly from requirements further reduces the risk of misunderstandings

### **Customizable, flexible requirements workflow**

- Customizable workflow to adapt requirements management approach to each organization's process and needs
- Online glossaries help to standardize and define industry, project, and corporate terminology
- Customizable fields to capture consistent information about each requirement
- Graphical wizards make customization extremely easy, with no programming required

### **Sharing requirements across large, distributed environments**

- Multi-user access allows all project stakeholders ready access to the most up-to-date requirements
- Automatic versioning and multi-user locking prevents conflicts caused by users trying to make changes at the same time
- Scalable, high-performance environment can support hundreds of thousands of requirements, each one managed as a separate object
- Automatic notification of change requests keeps team members informed of the latest updates

### **How does CaliberRM integrate with other Borland ALM products?**

New in CaliberRM 2005 Release 2 SP1, CaliberRM integrates with Borland® StarTeam® 2005 in two significant ways. First, there is a powerful requirements publisher that allows CaliberRM requirements to be published to the StarTeam requirements tab. In addition, there is a helpful linking capability that allows CaliberRM requirements to be linked to any StarTeam object including requirements, files, change requests, etc.

CaliberRM also integrates with Borland® Together® 2006 allowing tracing to objects in the UML® model, such as Use Cases. In addition, Together 2006 also features an Eclipse-based CaliberRM client integrated into the modeling environment.

### **Does CaliberRM integrate with other Application Lifecycle Management (ALM) products?**

CaliberRM also supports a very important integration to Mercury Quality Center and TestDirector®, allowing tracing of requirements to tests. This allows you to track the status of testing against requirements

## Borland CaliberRM® FAQ

and also report on test coverage. Many other integrations are supported by 3<sup>rd</sup> parties and customers may also choose to use the full featured API to create further integration.

### **How do I buy CaliberRM?**

Please visit the following site to find out where to buy CaliberRM:

[http://www.borland.com/us/company/where\\_to\\_buy.html](http://www.borland.com/us/company/where_to_buy.html)

### **What licenses are available for CaliberRM?**

CaliberRM is offered in both named and concurrent use license models. Several license server types are also available to give customers the most flexibility and control.

### **Where can I find more information on CaliberRM?**

More information about CaliberRM is available on the Borland Website at:

<http://www.borland.com/us/products/caliber/index.html>

A wide variety of white papers, technical information sheets, and articles about CaliberRM can be found on the Borland Developer Network at: <http://bdn.borland.com/caliber/> Use the “search” function to locate specific information.

## **BORLAND® CALIBERRM™ FOR MICROSOFT® VISUAL STUDIO® TEAM SYSTEM QUESTIONS**

### **What is the latest release of Borland CaliberRM for Microsoft Visual Studio Team System?**

The latest release, CaliberRM for Visual Studio Team System, was released on May 5, 2006.

### **What is CaliberRM for Microsoft Visual Studio Team System?**

CaliberRM for Microsoft Visual Studio Team System is designed to work within the Visual Studio Team Foundation Server infrastructure, maximizing the contribution of the analyst within the development process and enabling all stakeholders to collaborate more effectively. All CaliberRM functionality is made available from the CaliberRM client for Visual Studio Team System, specifically:

## Borland CaliberRM® FAQ

- Create, view, and sort requirements
- Attach reference information to requirements
- Engage in discussions about requirements
- View who made changes to requirements
- Link Team Foundation Server work items and tests to requirements

### **What is the difference between CaliberRM and CaliberRM for Microsoft Visual Studio Team System?**

Both products ship with the same core components which include CaliberRM for windows client and server, Borland Search Server, and the CalibrRM components for Microsoft Visual Studio Team System. The collateral sold with CaliberRM for Microsoft Visual Studio Team System is more focused on the Microsoft development platform.

### **What are the Visual Studio components of CaliberRM for Microsoft Visual Studio Team System?**

Both products ship with the same core components which include CaliberRM for windows client and server, Borland Search Server, and the CalibrRM components for Microsoft Visual Studio Team System.

## Borland CaliberRM® FAQ

### TECHNICAL QUESTIONS

What are the system requirements for Caliber DefineIT?

Resource	Requirement	Notes
<b>Hardware</b>		
CPU	Intel® Pentium® 4 1GHz (or compatible)	Intel® Pentium® 4 2.8 GHz or more recommended
Memory	512 MB minimum	1 GB or more is recommended.
Disk Space	300 MB	Approx. 150 MB of this space are only required for temporary installation files and will be freed after the installation is finished.
Video	High color mode, 1024x768	Recommended resolution: 1600x1200
CD Drive	Optional	Necessary if installing from CD
<b>Software</b>		
Operating system	Windows 2000 Pro, XP Pro, Server 2003	
Java Platform	Sun® J2SE 5.0	
Web Browser	Any web browser that supports frames	Microsoft Internet Explorer 6.0 is recommended

## Borland CaliberRM® FAQ

### What are the system requirements for CaliberRM?

#### **Borland CaliberRM Server\***

- Intel® Pentium® II/300 MHz  
(Pentium III/500MHz or higher recommended)
- 256 MB RAM (1GB recommended)
- Microsoft® Windows® 2003 Server Standard Edition (SP1, 32-bit version only), Microsoft® Windows® 2003 Server Enterprise Edition (SP1, 32-bit version only), Microsoft® Windows® 2000 Server (SP4) or Microsoft® Windows® 2000 Advanced Server (SP4)
- 512 MB hard disk space for server and database (1GB or higher recommended)
- Network connection

\*Note: CaliberRM Web Server needs to meet only the recommended system requirements that Apache or IIS requires.

#### **Borland CaliberRM Windows client and Web client, CaliberRM SDK**

- 200 MHz Pentium II (Pentium II/500MHz or higher recommended)
- 128 MB RAM (256MB or higher recommended)
- Microsoft® Windows® 2003 Server Standard Edition (SP1, 32-bit version only), Microsoft® Windows® 2003 Server Enterprise Edition (SP1, 32-bit version only), Microsoft® Windows® 2000 Server (SP4), Microsoft® Windows® 2000 Advanced Server (SP4), Microsoft® Windows® 2000 Professional (SP4) or Microsoft® Windows® XP Professional (SP2)
- Microsoft Internet Explorer 6.0 SP1 or higher
- 100 MB hard disk
- Network connection

#### **Borland CaliberRM Components for Microsoft Visual Studio Team System**

Please refer to the Readme file in the Documentation folder on the CaliberRM for Microsoft Visual Team System disk for both client and server system requirements

## Borland CaliberRM® FAQ

### Borland CaliberRM software compatibility

Borland has tested integrations with the following Borland and third-party supported products.

CaliberRM Feature	Supported Product	Tested Version
Traceability	Borland® StarTeam®	2005 and 2005 Release 2
	Borland® Together®	2005** and 2006
	IBM® Rational® ClearCase®	2003
	Merant™ PVCS® Version Manager	6.8
	Mercury Quality Center	8.0 and 8.2 SP1
	Mercury Interactive TestDirector®	7.6 SP4 and 8.0 SP2
	Microsoft® Visual SourceSafe®	6.0d SP6
Document Factory reports, document references, and requirements export (to Access) and import (from Word)	Microsoft® Office	XP (2002) and 2003
Datamart extraction targets and analysis tools	Business Objects™	6.1 and 6.5
	Microsoft® Access	2002 and 2003
	Microsoft® SQL Server™	2000 and 2005
	Oracle® Database Server	9i and 10g
Integrated Development Environment (IDE) integrations	Borland® Developer Studio*** (C++ Builder®, C# Builder®, Delphi®)	2006
	Borland® JBuilder®	2005 and 2006
	Microsoft® Visual Studio® .NET	2003
Web hosting of the web client and Network Install and Upgrade package	Apache™ Web Server	2.0
	Microsoft® Windows Server™ Internet Information Services (IIS)	2000 (5.0) and 2003 (6.0)
Directory service / LDAP authentication	Microsoft® Windows Server™ Active Directory	2000 and 2003
Software license servers	Borland® License Server	4.0
	MacroVision FlexLM	8.2a

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