

Caliber 11.3

The comprehensive visualization, requirements definition and management solution

Business challenge

Poorly understood requirements frequently cause software project failures, inefficiencies, rework and duplication of effort. Failure to align development efforts with business needs or manage ever-changing requirements can significantly hinder the delivery of quality products and software. Organizations must therefore effectively elicit, communicate, validate and manage change to project requirements – especially in Agile environments.

Requirements management should be a collaborative process of collecting, documenting, prioritizing, socializing and validating a set of requirements. Without good requirements practices, even project quality initiatives are compromised. To add to the challenge, businesses are under increasing regulatory and compliance pressures and need help with governance. Projects without well formed requirements and change processes, will lack control and direction.

How Caliber 11.3 can help

Caliber™ helps address these challenges by ensuring that all stakeholders are effectively working towards the same goals by means of a shared view of requirements from inception through delivery. A unified approach to requirements visualization, definition and management ensures alignment of business objectives with development deliverables as project teams collaborate to prioritize, approve and understand the impacts of real-time change.

Caliber Author enables creative expression and central storage of requirements, with a simple interface that combines the best authoring and organizing features of Word and Excel. Built-in version control, baseline support, requirements reuse, custom templates, traceability and the ability to generate template-based specification documents, improves requirements management.

Visualizations are tightly integrated with the Caliber Author environment, effectively combining visual use case scenarios and simulations with traditional requirements to form the most comprehensive picture.

Caliber Visualize brings requirement visualizations closer to more stakeholders than ever before. Teams discover, define and manage application requirements visually and

Key Benefits

- Significantly reduce project rework by using visual scenarios to identify requirements and business rules at the level of detail required within the project scope
- Use simulations to ensure that the application meets the stakeholders needs before development starts
- Prevent cost and scheduled overruns by using traceability to understand real-time impacts to change
- Improve application quality by ensuring acceptance criteria is defined with the requirements
- Ensure development delivery is aligned with business requirements through real-time status updates of related Agile user stories
- Control business risk and ensure regulatory compliance with requirements reuse and traceability
- Web-based visualization and review components allow maximum stakeholder collaboration for feedback, reviews and approvals

interactively using scenarios and simulations to enable effective collaboration.

The simulations bring requirements to life with realistic data and embedded business logic. Stakeholders see how their requirements are interpreted before committing to a lengthy and expensive development effort.

Caliber Review enables the creation of requirements for review and discussion with all stakeholders and the ability to sign-off on baselines.

Feature overview

The comprehensive requirements solution is made up of three components:

Caliber Author - enabling distributed stakeholders to collaborate well through a single system of record to manage requirements throughout their lifecycle.

Powerful traceability across lifecycle tools, configurable requirement types, visualizations and the ability to track related Agile user stories, greatly simplifies impact and relationship analysis. Template based documents can easily be generated for formal specifications.

Caliber Visualize - helps bring requirements to life through visualization, including storyboarding and interactive simulations. Business users and analysts collaborate in identifying activity steps, decisions, participating roles and their related requirements and business rules.

Test cases can be automatically generated from defined scenarios. Feedback is collected in context, ensuring that requirements are defined completely and unambiguously.

Caliber Review – new license-free web based online review facility allows business and casual users to browse and comment on requirements. Enables reviews for all or subsets of requirements, along with baseline approvals with electronic signatures.

Caliber Review helps to socialize requirements for feedback and approval in the least amount of steps possible.

Technical

Clients

Author client

Supported OS

- Windows XP Professional SP3, 32-bit
- Windows Vista, Business SP1, Enterprise, Enterprise SP1, all 32-bit
- Windows 7 Enterprise, 32-bit and 64-bit
- Windows 8/8.1 Pro/Enterprise, 32-bit and 64-bit

Software Requirements

- Browsers: MS Internet Explorer 7 or later
- MS Office: 2003, 2007, 2010 (required for DocFactory, Export)
- Visual Studio Explorer: VS 2010 (required for TFS traceability)
- MS Access: 2003, 2007, 2010 (required for Datamart, Export)
- Oracle 9, 10, 11g (required for Datamart, Export)
- MS SQL Server: 2005, 2008 (required for Datamart, Export)
- Adobe Flash Player 9.0.47 or later (required for Visualization runtime)

Hardware Requirements

- RAM 2 GB (4 GB recommended)

- Processor Dual Core CPU
- Hard Drive 1 GB free space (5 GB recommended)
- Screen resolution 1280 x 1024 or higher

Visualize/Review clients

Supported OS

As in Author, plus:

- Apple Mac OS X
- Mobile (review only) iOS 4.x
- Android 4.x

Software Requirements

- Web Browsers: MS Internet Explorer 8 or later, Mozilla Firefox 4+, Google Chrome 18+, Safari 5.x, 6
- Adobe Flash Player 9.0.47 or later

Hardware Requirements

As before.

Servers

Caliber Data Server

Supported OS

- Windows Server 2008 Standard Edition SP1, R2 Standard Edition, all 32-bit, Enterprise Edition SP2 32-bit and 64-bit (recommended)
- Windows 7 (trials only) Enterprise 32-bit and 64-bit

Hardware Requirements

- RAM - 4 GB (16 GB recommended)
- Processor - Dual Core CPU (Quad core recommended)
- Hard Drive - 20 GB free space (100 GB recommended), 2.5 times DB size recommended for upgrade

Virtualization

- VMware ESX 4.1

Visualize Server

Supported OS

- Windows Server 2008 Standard Edition SP2, R2 Standard Edition, all 32-bit, Enterprise Edition SP2 32-bit and 64-bit (recommended)
- Windows 7 (trials only) Enterprise, 32-bit and 64-bit

Hardware

- RAM - 4 GB (16 GB recommended)
- Processor - Dual Core CPU (Quad core recommended)
- Hard Drive - 20 GB free space (100 GB recommended)

Virtualization

- VMware ESX 4.1

Review Server

Supported OS

- Windows Server 2008 Standard Edition SP2, R2 Standard Edition, all 32-bit, Enterprise Edition SP2 32-bit and 64-bit (recommended)
- Windows 7 (trials only) Enterprise 32-bit and 64-bit
- Windows XP (Evaluation) SP3 (32-bit)

Hardware

- As above.

Virtualization

- VMware ESX 4.1

Supported Languages

Caliber Author

- English, Chinese, French, German and Japanese

Document Factory, Import/Export Utility, HP Quality Center Publisher, Data Server, Visualize, and Review

- English and Chinese

About Borland

Originating in 1983, Borland is a Micro Focus Ltd brand. Our world class software development products work across the entire Application Development Lifecycle to transform good software into great software. Uniquely, our tools are Open, Agile, and fit for Enterprise. borland.com