

# Subversion Integration with Rally Software and Jenkins

The integration of Rally Software with Subversion and Jenkins gives the project management team complete control over the codes being committed in the source code repository. It also creates complete traceability for all workitems in Rally Software. With complete traceability for each workitem in the ecosystem, it is easier for enterprises to fulfil compliance requirements.

## Integration overview



In an Application Lifecycle Management (ALM) ecosystem, the choice of systems and the collaboration between the cross-functional teams play a great role. While the choice of systems impacts the productivity of a team, the cross-functional collaboration helps the teams get complete context of the business requirements.

Best-of-breed systems such as Rally Software, Jenkins, and Subversion bring rich functionalities to the ecosystem. When Subversion is integrated with Rally Software and Jenkins, all stakeholders have real-time visibility into the commits made by the development team. It is also easier to enforce authentic commits against each work item and access the changes/edits made to the commit files from Rally Software itself.

### How OpsHub Integration Manager integrates Subversion, Rally Software and Jenkins

OpsHub Integration Manager integrates Subversion, Rally Software, and Jenkins bi-directionally. It ensures that all historical and current data is available to each user, in that user's preferred system, with full context, in real-time. All the details related to a commit made against a work-item in Rally Software can be tracked from Rally Software itself.

### How Subversion + Rally Software + Jenkins integration is beneficial for an enterprise

- Track commit volume, track commit trends and edits/changes to commit files in real time
- Enforce authentic commits to make sure each commit is happening against a scheduled and open workitem
- Eliminate manual effort to close Rally Software workitem by automating the state transition on Subversion commit

## Commonly synchronized entities between Subversion and Rally Software



# Benefits of integration for Subversion and Rally Software users

## Subversion users

## Rally Software users

Each commit can be traced back to its respective workitem at any given point in time from Subversion itself	Traceability for business requirements throughout the ALM tool chain
Enforced checkpoints ensure that no mandatory steps/checks are missed while making a commit – this leads to high success rate for commits	Direct visibility into customer issues and their priorities
	Visibility into the volume, quality of commits, and commit trends in real-time

## Features of OpsHub Integration Manager



Bi-directional sync with conflict resolution



Support for the largest number of entities



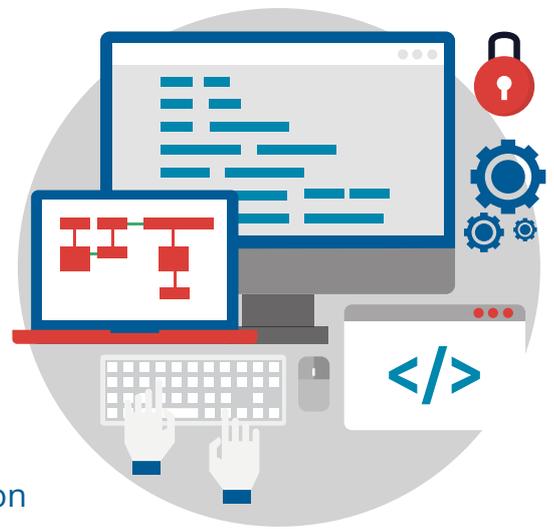
Database-class reliability and recovery



Support from 50+ systems and growing



History preservation and Process customization



## Pre-requisites to run OpsHub Integration Manager

### Supported Operating Systems

#### Windows

- Windows Server 2008 R2 and above (64 bit)

#### Linux

- RHEL 5.2 + (64 bit), RHEL includes Cent OS and Fedora

#### Database:

- MySQL Server, MS SQL, Oracle, HSQLDB

### Supported System Versions



For the latest supported versions of the systems mentioned in the datasheet, refer [here](#).