

CA Agile Central (RALLY) Integration with Team Foundation Server (TFS)

The integration of CA Agile Central (RALLY) with Team Foundation Server (TFS) gives real-time visibility to the product management and development team in each other's work. With this kind of visibility, the product management and development team can plan the delivery timelines better. The product management team also has visibility into the quality of work being delivered by the development team.

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 brings in collective wisdom to take better decisions, faster. Best-of-breed systems such as TFS and CA Agile central bring rich functionalities to the ecosystem. By integrating CA Agile Central (RALLY) with TFS, enterprises can manage their delivery timelines and allocation of resources better. As the product management team has real-time visibility into how the development tasks are progressing, they can gauge the red alerts in advance and take corrective measures. Development team also has clear visibility into tasks and timelines assigned to them.

How CA Agile Central (RALLY) - TFS integration is beneficial for an enterprise

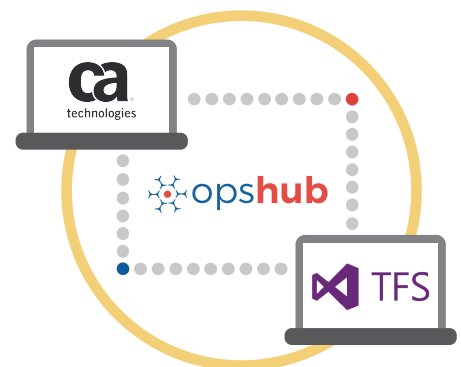
- Trace the requirement breakdown completely – access the features, stories, tasks associated with the requirement
- Developers are always up-to-date on feature requirements and associated updates
- Get complete context of the business requirement and receive real-time updates when there is a change in the plan
- Coordinate on the delivery timelines seamlessly with concurrent updates on changes

With CA Agile Central (RALLY) + TFS integration, enterprises can:

- Make better and faster decisions
- Reduce time-to-market
- Ensure complete traceability of a 'feature requirement'
- Ensure quality delivery in stipulated time
- Leverage the best of functionality and collaboration in the delivery ecosystem

How OpsHub Integration Manager integrates CA Agile Central (RALLY) and TFS

OpsHub Integration Manager integrates CA Agile Central (RALLY) and TFS in a bidirectional manner. 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. The 'User Stories' from CA Agile Central automatically synchronize to TFS where they are broken down to 'tasks'. The completion of the story and the status of test results against it automatically synchronizes to CA Agile Central.



Commonly synchronized entities between CA Agile Central (RALLY) and TFS

The popularly synchronized entities between CA Agile Central and TFS are shown on the left:

Benefits of integration for CA Agile Central (RALLY) and TFS users

CA Agile Central (RALLY) users	TFS users
Visibility into full the development plan	Real-time updates on feature requirements and associated changes/enhancements
Visibility into effort estimation and efforts utilized by development team	Clear visibility into quality parameters and test results from TFS itself
Visibility into quality of work done by development team	Seamless coordination on iteration start and end date
Seamless coordination on iteration start and end date	

Features of OpsHub Integration Manager



Unidirectional as well as bi-directional synchronization



Full history and audit trail for integrated systems



Complete traceability of work items as well as non-work items



Robust failure management and recovery mechanism

Pre-requisites to run OpsHub Integration Manager

Supported Operating Systems

Windows

- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2 (64 bit)

Linux

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

Tested on the following versions:

- CentOS release 5.5 (Final)
- CentOS release 5.6 (Final)
- CentOS Linux release 7.1.1503 (Core)
- Fedora 20

Database Prerequisites

The underlying database should be installed to install and run OpsHub Integration Manager. The database user created for OpsHub Integration Manager should have schema level and read write privileges.

- MySQL Server
- MS SQL
- Oracle
- HSQLDB