

Helix ALM Integration with DOORS

The integration of Helix ALM with DOORS brings the business and product development, quality teams together to accelerate product development and efficiently scale agile practices.

Integration overview

In an Application Lifecycle Management (ALM) environment, the choice of systems and the collaboration between the cross-functional teams play a great role in delivering quality solutions. 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 DOORS and Helix ALM bring rich functionalities to the ecosystem. By integrating DOORS with Helix ALM, enterprises can keep the business, development, and quality team focused on customer priorities, quality of the deliverable, and accelerate the product development cycle.

How Helix ALM - DOORS integration is beneficial for an enterprise

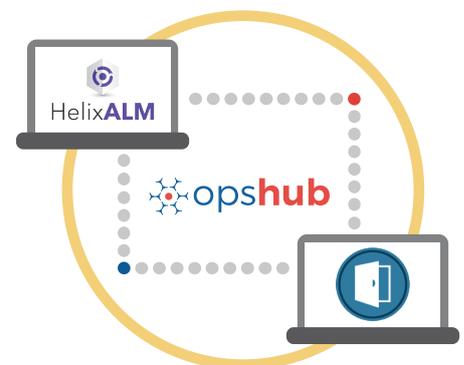
- Trace the requirement breakdown and associated test cases
- Get complete context of the business requirement and receive real-time updates when there is a change in the plan
- Coordinate on the delivery timelines seamlessly with concurrent updates on changes
- Get full traceability into the Quality Assurance (QA) reports

With Helix ALM + DOORS integration, enterprises can:

- Make better and faster decisions
- Enhance collaboration between customer facing and QA teams
- Ensure complete traceability of a 'requirement'
- Ensure quality delivery in stipulated time
- Leverage the best of functionality and collaboration in the delivery ecosystem

How OpsHub Integration Manager integrates Helix ALM and DOORS

OpsHub Integration Manager integrates Doors and Helix ALM bidirectionally. 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 'requirements' from DOORS automatically synchronize to Helix ALM and all the defects associated with the 'requirement' synchronize back to Doors.



Commonly synchronized entities between Helix ALM and DOORS

The popularly synchronized entities are listed on the left:

Benefits of integration for Helix ALM and DOORS users

Helix ALM users	DOORS users
Access to the business requirements within Helix ALM and real-time update for any changes, enhancements	Traceability for business requirements throughout the ALM tool chain
Complete context of the customer requirements and priorities	Visibility into the progress of development work & the QA cycle
No manual efforts needed to keep product management teams updated on the QA cycle and reports	Reduced dependency on manual communication for business decision making

Features of OpsHub Integration Manager



Supports unidirectional as well as bi-directional synchronization between 50+ systems



Maintains complete history and audit trail among integrated systems



Allows traceability between code to requirement, tickets to defects, and many other entities



Provides a robust failure management and recovery mechanism



Can be hosted by OpsHub, installed on-premise, or deployed in a customer cloud

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