



A SNEAK PEAK

Kovair Windchill Adapter integrates Windchill tool with other ALM tools to offer a centralized view of the Product Lifecycle Artifacts with other cross tool ALM artifacts.



Benefits and Features

- ❖ Enhance Collaboration & Predictability
- ❖ In-depth Visibility and Traceability
- ❖ Improved product quality by reducing product tickets due to better control over end-to-end life cycle.
- ❖ ESB based configuration guided by Kovair interactive UI to integrate Windchill tool with other ALM tools.
- ❖ Easy monitoring of exposed PLM components from other code editor and compiler tools through Omnibus integration platform.
- ❖ End-to-End traceability of items, making data visible from the Windchill tool to other ALM tools.
- ❖ Centralized view of multiple Windchill product line from other ALM tools.

OVERVIEW

Kovair Windchill adapter integrates PTC Windchill and other best of breed ALM tools to bring the best of both worlds in your software-hardware production process.

An integrated ALM and PLM environment enables users to bring together the key strengths of Application Lifecycle Management tools — management of requirements, features, test cases, test results, defects and code — and integrates them with the capabilities of Product Lifecycle Management tools like management of product changes, bill of materials, product configurations, and product compliance.

Kovair Omnibus is the central platform that facilitates this data flow and exchange from an ALM tool to a PLM tool and vice-versa.

Kovair Omnibus Integration Platform uses point and click configuration to create automated integration rules based on which a seamless integration between Windchill Tool and other ALM Tools is created. When integrated with the adapter, it automates the flow of Windchill Artifacts to other ALM tools. This creates an end-to-end traceability through which the activities of the Windchill tool and that of other integrated ALM tools can be easily monitored.

The adapter can also trigger custom actions in other ALM Tools based on Events occurring inside Windchill.

Key Highlights of Kovair Windchill Adapter

Kovair Windchill Adapter when integrated with Omnibus platform offers the following benefits –

Uniform Configuration for Multi-tool Integration

Kovair Windchill Adapter can integrate Windchill with other ALM Tools using Omnibus guided by Kovair interactive UI.

Centralized Data View of Multiple Windchill Tool Instances

Users can synchronize data from multiple products of Windchill instance and track it from other connected ALM Tools.

End-to-End Traceability and Streamlined Reports

System Requirements

❖ **Operating System:**

Windows 2008 Server

Windows 2008 Server R2 Server

❖ **Databases:**

SQL Server 2008 and above for Adapter Database.

❖ **IIS:** IIS 7.0 or Higher

❖ **.Net Framework:** 4.5 on Adapter Service

The adapter can expose entities and the data related to it from Windchill tool to Kovair Omnibus. This makes the data visible from other ALM tools that are integrated to the Kovair platform. The same data can be leveraged to create end-to-end traceability, custom reports, and analytics using Kovair reporting engine.

Entities Exposed	Events Collected	Actions Supported	Relationship Type
Product	Add and Modify	Add, Modify, and Delete	Product to Change Request
Change Request	Add, Modify, and Attachment	Add, Modify, and Delete	Product to Change Notice
Change Notice	Add, Modify, and Attachment	Add, Modify, and Delete	Product to Change Task Product to Issue
Change Task	Modify and Attachment	Modify and Delete	Product to Variance
Issue	Add, Modify, and Attachment	Add, Modify, and Delete	
Variance	Add, Modify, and Attachment	Add, Modify, and Delete	

Supported Relational Events	Add and Delete
Supported Relational Actions	Add



Additional Support for Windchill OSLC

Supported Entities	Supported Actions
ChangeRequest	<ul style="list-style-type: none"> ❖ Add ❖ Modify
ChangeNotice	<ul style="list-style-type: none"> ❖ Add ❖ Modify
ChangeTask	<ul style="list-style-type: none"> ❖ Modify



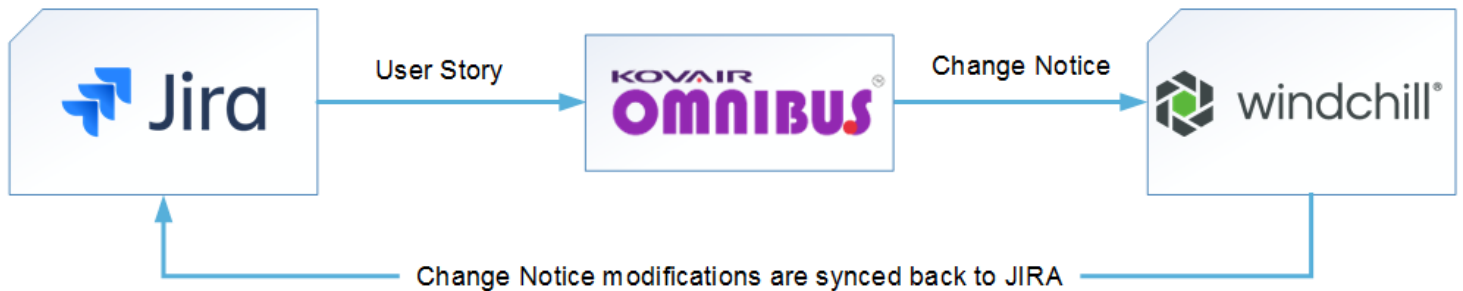
WINDCHILL ADAPTER INTEGRATION USECASE

Using Kovair Windchill Adapter, we aim to achieve the integration of PTC Windchill PLM tool and other ALM tools, integrated to Kovair Omnibus. This helps us to bridge a gap between the Operations, the Development, and the PLM Team.

Let us consider the scenario where a user story is created inside JIRA. Any User Story created inside the JIRA tool will be added as Change Notice inside Windchill PLM tool, where the modifications done on the Change Notice is then synced back to the JIRA tool in real time. Teams using JIRA tool can get real time updates of the story they had raised.

The Change Notice that is added against a Product inside the Windchill tool leads to the creation of Change Tasks, which can then be tracked against a particular product. When the Windchill tool is integrated with Kovair Omnibus Enterprise Service Bus, all the logged artifacts inside the Windchill tool will become traceable from Kovair platform as well as from other ALM tools that are connected to it.

Thus based on the work done by the Engineering team using Windchill tool, the entire product lifecycle data can be captured and traced along corresponding ALM tool data managed by JIRA.



Note: The adapter as developed and offered by Kovair follows the subject tool's standard specifications. Any deviations from the tool's typical use pattern may not have been anticipated in our off-the-shelf product. For any customization or special configuration needs, please contact Kovair Sales - sales@kovair.com
 Kovair Software Inc.: Kovair is a California based software product company specializing in the domain of Application Lifecycle Management (ALM). Kovair's focus on integrating third party best-of-breed ALM tools enables creation of applications in a synchronized tools environment.

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