

PRODUCT SHEET

# Connect Windchill® to the Engineering Enterprise.

Achieve end-to-end traceability and increase visibility along your product development lifecycle with OSLC Connect™ for Windchill.



## ACHIEVE ALM-PLM TRACEABILITY WITH OSLC CONNECT FOR WINDCHILL.

OSLC Connect for Windchill links the Product Lifecycle Management (PLM) and Application Lifecycle Management (ALM) assets across enterprise systems. When users and data are connected together, more visibility and traceability is allowed into the product development lifecycle.

### Realize the Digital Thread with OSLC Technology.

OSLC Connect for Windchill connects silos of design in engineering. Bridge enterprise systems with OSLC Connect for Windchill to unify the silos of systems, mechanical, and software engineering teams defining your products. OSLC Connect for Windchill leverages the existing enterprise tools to enact your digital thread and unify product configuration across repositories.

### OSLC Connect™ for Windchill is compatible with:

- IBM® Engineering Lifecycle Management:
  - › Workflow Management (formerly RTC)
  - › Test Management (formerly RQM)
  - › Requirements Management (formerly DNG)
  - › ReportBuilder (formally JRS)
- Atlassian Jira (with OSLC Connect for Jira)
- SECollab™



#### ACHIEVE EFFECTIVE ORGANIZATIONAL CHANGE PROCESS

In Engineering, the role of change management is imperative to address the content and quality of a release. OSLC Connect for Windchill, effectively manages changes at all levels by connecting ALM and PLM repositories, so your organization collaborates holistically and efficiently in delivering product quality.



#### IMPROVE PRODUCT DEVELOPMENT CYCLE TIME

Linked data assures the availability of current data without synchronization. Real-time data is available via links, previews, and navigations across repositories. Engineers can make critical decisions faster, with greater confidence and evidence, all while using their tool of choice. Efficiency and quality delivered as enablement of your existing enterprise.



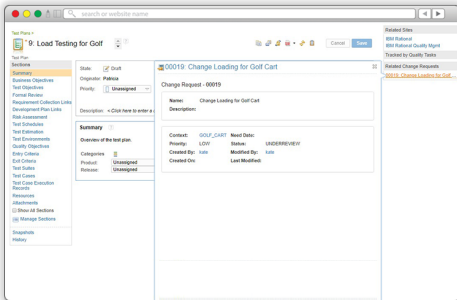
#### MANAGE REGULATORY COMPLIANCE & VERIFICATION

In regulated industries, traceability is key to assert quality, performance, and safety. OSLC Connect for Windchill provides a way of creating and maintaining traceability with the data of record to enhance the value, increase efficiency, and enable impact analysis directly when and where you need it.

# PRODUCT FEATURES

## WORK WITH REAL-TIME DATA

With OSLC Connect for Windchill, your PLM assets and ALM platform are now directly connected through enterprise-ready OSLC technology. Connect the engineering assets and lifecycle while enabling traceability across your enterprise repositories. All links resolve to the intended configuration of information ensuring that the data you review is current and correct for your analysis.



### Bi-Directional Traceability

Extend and connect your enterprise quickly and easily with an integrated Windchill extension.

- Achieve bi-directional traceability across repositories.
- Provide the evidence and the framework to perform engineering cross-discipline.
- Access live data (no synchronization, copies, or aggregators!).

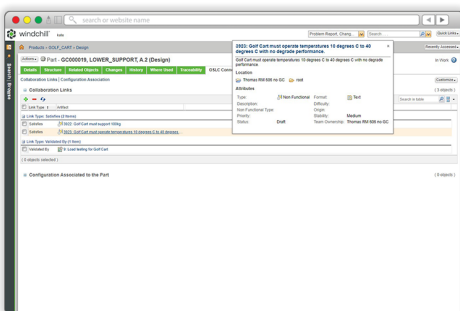
### Cross-Domain Collaboration Links

Leverage Windchill within your IBM Engineering Lifecycle Management (ELM) environment to complete your engineering lifecycle.

- Create links between requirements, test plans, test cases, change artifacts, and parts.
- Manage configurations across repositories.
- Access data from where it resides, with full authentication.

## TRACK REQUIREMENTS TO PARTS

Product organizations need their physical parts to meet requirements and demonstrate compliance. For engineers this entails the need to both identify the requirements and standards a part must support, as well as the method and results of testing parts to these standards. With OSLC Connect for Windchill enable your Windchill environment to connect to both requirements and test cases to create an evidential path to verify compliance.



### Track Requirements from Windchill

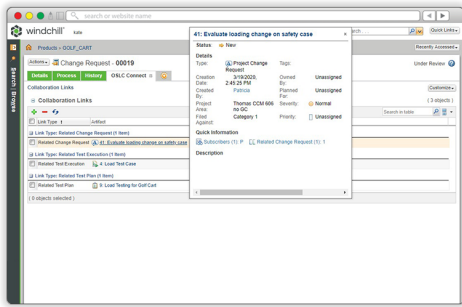
- Link Windchill Parts to the regulations/requirements that a part is mandated to support.
- Link Windchill Parts to the test cases that a part must satisfy to address target requirements.
- Identify the specific versions of requirements and standards necessary for a particular part version by leveraging IBM Global Configurations.

### Track Parts from OSLC Consumers

- Identify the parts that must comply with a specific requirement.
- Identify the parts that can be evaluated with a specific test case.
- Create reports across the enterprise leveraging these links potential requirement change.

## MANAGE THE CHANGE FLOW

Have more visibility in the change process to ensure quality and visibility to the efforts. OSLC Connect for Windchill connects change processes across engineering domain to unify the flow from products to software and everywhere in between.



### Track Product Level Change Requests

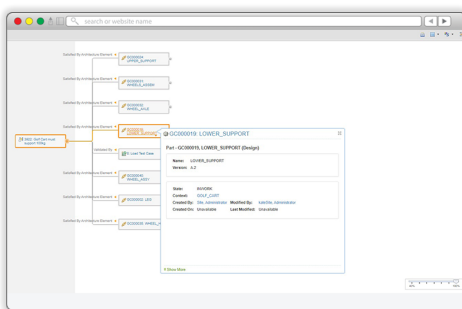
- Connect product-level change requests in Windchill to IBM Engineering Workflow Management (formerly RTC) changes or Jira tickets.
- Identify and observe the Test Plans that are to be executed to validate the successful execution of the Product Change.
- Identify and observe the Test Executions that provide evidence to the execution of the required testing of the Product Change.

### Track Product Changes from OSLC Consumers

- Connect domain-specific change requests in IBM Engineering Workflow Management or Atlassian Jira, to their product level change in Windchill.
- Observe the current status and disposition of Windchill changes directly from IBM ELM tools.
- Report on Product Changes within IBM Enterprise of accessible versions.

## ASSESS IMPACT CHANGES

Understanding the impact of a change can positively motivate your change review board to initiate or avoid specific changes. OSLC Connect for Windchill allows you to explore the impact of a possible change of requirements and standard, and/or validation efforts on the parts themselves. In all cases, product organizations can operate with more confidence with knowledge and actionable information.



### Access Test Execution from Windchill

- Connect test cases in your quality management system to parts under test in PTC Windchill.
- Understand which parts may be impacted in a requirements change.
- Understand the impact of standards changes on a part or a collection of parts.

## REPORT ON THE ENTERPRISE

OSLC Connect for Windchill achieves enterprise-level interoperability. Leave data in the native repository and only provide access to authorized users, bringing connectivity without sacrificing access controls when cross-team and cross-function reporting are essential.

### Leverage IBM Report Builder

- Access to Windchill data and relationships amplifies the power of your IBM Reporting.
- TRS feeds provide the ability to report on Parts, Change Requests, and Change Notices in ReportBuilder and RELM as well as other TRS compliant tools.

## KEY BENEFITS

### Remain In Your Preferred Tools

OSLC Connect for Windchill enables the power of OSLC technology without having to leave Windchill or learn a new toolchain.

### Act With Confidence

The direct accessibility and the integration of the engineering enterprise enables deep impact assessment and rapid engineering responses. Acting confidently with current data drives the quality and the efficiency your organization demands.

### Automate Data Collection

Take back the time spent at meetings noting requirement changes. Updates are instantly available and tracked. Data entered in either system is instantly accessible by the other repositories.

### Cross-Team Collaboration

OSLC Connect for Windchill empowers team collaboration coordinate stakeholders' access to information that would otherwise be communicated in non-collaborative forms such as notes, e-mails, and spreadsheets.

### Reliability and Security at Scale

Using OSLC Connect for Windchill, your assets remain secure in their native repositories. By creating linked relationships, your enterprise scales across repositories without the burden of replicated data.

### Easy Of Use

OSLC Connect for Windchill is a natural extension to Windchill. The integration is quick, easy and does not change the way you manage projects or issues - giving you confidence in the decisions you make.

### Make Better Decisions

Decisions are made with available information. Eliminating information gaps and out-of-date information means your engineering leaders can make rapid, informed, and supported decisions faster with better outcomes.

## PREREQUISITES

### Windchill Server Requirements

- Windchill Server version 11.0 to 11.2

### Client Requirements

Supported web browsers:

- Internet Explorer 11
- Chrome
- Firefox

### Compatible Applications

- IBM Collaborative Lifecycle Management, from version 6.0.5 to 7.0.0:
  - › IBM Rational Team Concert
  - › IBM Rational DOORS Next Generation [1]
  - › IBM Rational Quality Manager [1]
  - › IBM Rational Engineering Lifecycle Manager
  - › IBM Jazz Reporting Service
- SECollab™
- Atlassian Jira (with OSLC Connect for Jira)
- PTC Windchill 11 to 11.2 (with OSLC Connect for Windchill 2.3+)

[1] Requires IBM CLM Link Index Provider application when using Global Configurations.

## About SodiusWillert

SodiusWillert designs and distributes software solutions for Enterprise Interoperability, Data Transformation, and Model-Based Code Generation to improve traceability, exchange, and sharing of engineering data for the Aerospace, Automotive, Transportation, Defense and Medical industries. For more information, visit

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