OSLC Connect
for Confluence
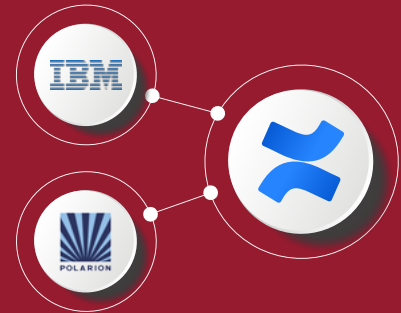
Bring ALM information inside your Confluence space

Reference and preview artifacts from IBM Engineering Lifecycle Management or Siemens Polarion ALM in your Confluence page with OSLC Connect for Confluence.

CREATE A WORKSPACE POWERED WITH REAL-TIME ENGINEERING INFORMATION.

Your systems or software project roadmaps, meeting reviews, or technical specifications are documented in your Confluence space, while requirements, test cases, or change requests are managed in specific engineering domain tools such as IBM ELM or Siemens Polarion ALM.

For Software and Systems Engineers, these ALM tools are essential, and allow them to do their best work every day. But when it comes to documenting engineering information in Confluence, they can feel frustrated by the lack of solution for them to share and make important information stand out, leading to unproductive meeting reviews, or loss and omission of crucial information for the project.

With OSLC Connect for Confluence, teams can now reference and preview real-time information from IBM ELM or Siemens Polarion ALM on their Confluence page, optimizing information sharing and improving cross-team collaboration.

USE CASES

- **Meeting reviews**. Add and display referenced information without creating copies.
- **Project Management.** Use Confluence as the dashboard into the project with real-time engineering data.

POWER UP YOUR CONFLUENCE WITH ENGINEERING DATA

OSLC Connect for Confluence helps Systems and Software Engineering teams build powerful Confluence pages for meeting reviews or project follow-ups. The plugin makes it easy to embed requirements, test cases, or model elements from ALM tools into Confluence pages without creating copies.

MAKE YOUR ENGINEERING DATA STAND OUT

Engineering data is made more visible and accessible from a Confluence page with OSLC Connect for Confluence. Users can choose the artifact preview mode that they prefer to show the appropriate information from the artifact as needed.

YOUR LINKS ARE SAFE AND SECURED

Be assured that the Confluence integration of engineering assets is safe and secure for the enterprise with OSLC Connect for Confluence. User access to engineering assets is authenticated and authorized to meet security standards.

FEATURES

Create new artifacts from your Confluence page
With OSLC Connect for Confluence, you can create new IBM ELM or Polarion ALM engineering artifacts using the authoring tool's Creation Dialog from within your Confluence page.

Reference external artifacts on your Confluence page
Using Confluence's Insert Menu, select the OSLC Connect - Link macro to choose and add your IBM DOORS Next Requirement, IBM Rhapsody Diagram, or Siemens Polarion Requirement on your Confluence page. The artifact can be displayed as a Link, Small Preview or Large Preview.

Preview your artifacts from within your Confluence page
Once you have created or added your artifacts into your Confluence page, you can preview the artifact information of these artifacts with a simple rich preview.

Choose how to display your artifacts on your Confluence page
OSLC Connect for Confluence leverages Confluence's preview functionality so you can choose how you want to display your artifacts. You can display your artifact as a Link, Small Preview or Large Preview on your Confluence page.

Share real-time engineering information in Confluence
Show and share real-time data from external ALM tools directly on your Confluence page. When a linked artifact is updated in the authoring tool, the update is immediately available on your Confluence page. Your Confluence page will always retrieve the up-to-date resources from your Engineering tools.

OSLC Connect for Confluence is available for:

DATA CENTER   **SERVER**

BENEFITS

No copies of data
With OSLC Connect for Confluence, the data of your referenced assets always remains in the native repositories. No copies or clones of your data are created.

Built for the Enterprise
OSLC Connect for Confluence is designed for enterprise use. Data ownership is respected, existing and authorization models remain owned by the engineering tools so that security and audit controls are maintained. Furthermore, there are no additional servers or synchronization tasks used that can cause administration, stability and performance issues.

Easy navigation to artifacts
Using the link embedded in Confluence, navigate to the correct version of the desired artifact in its native engineering respository.

Native to Confluence
OSLC Connect for Confluence is a native add-on to Confluence. There is no need to learn a new toolchain or implement complex mappings. Simply install, configure, and link!

Easy to implement
Easily set up OSLC Connect for Confluence. Follow our detailed setup guide for Tool Administrators to get your teams started quickly and confidently!

Easy to use
OSLC Connect for Confluence is very easy to use. A step-by-step user guide helps you set up the plugin and learn how to use it to benefit from it as fast as possible.

ABOUT THE OPEN SERVICES FOR LIFECYCLE COLLABORATION (OSLC) STANDARD

What is OSLC?

The internet was built on the ability to link information across servers. By using the fundamental standards that drove the growth of the internet, adding additional capabilities to structure how to link information, and adding more semantic information, we can link engineering data across repositories. The open standard enabling this interoperability is named OSLC (Open Services for Lifecycle Collaboration).

Using the OSLC standard, we are able to define which tool repositories to connect with each other, the type of engineering data exposed or consumed, and a common format for the exchange of the engineering data.

Is linked data better than synchronized data?

Data synchronization is set up to know how to map between fields as well as the frequency of synchronization. Synchronization engines are typically strongly tied to the applications being connected, meaning that synchronization between Tool A and Tool B cannot be used to synchronize data between Tool B and Tool C.

Linked data allows viewers to be directed to the source of information - the latest updated and accurate information. Linked tools are inherently sharing the most recent and accurate data. The client application does not have a copy of the source information, but instead a pointer to the information in the owning repository. There are no issues of synchronization or outdated information when using linking technologies.

Why should Engineers care?

OSLC addresses the demands of engineers for interoperability. It provides the ability to connect the engineering tools of choice in the enterprise reducing team silos, enabling artifact traceability, and improving visibility of engineering information across the engineering lifecycle.

From the IT perspective, the ability of OSLC to avoid data replication and to enforce authenticated access to assets enhances their ability to maintain the needs and the standard of the organization. OSLC can meet both the needs of the users, and your IT organization at the same time.

BENEFITS OF OSLC

Achieve the digital thread

OSLC connects your data and achieves the digital thread across domains, applications, and organizations.

No room for uncontrolled copies

Links provide the ability for the data owner to present the latest information (or a previous baseline), and for users to always consume the correct information.

Makes cross-domain collaboration better

OSLC takes cross-domain collaboration to a new level. By connecting your engineering lifecycle tools using the OSLC standard, your project teams will be able to act with confidence that any and all team members have instant access to the same up-to-date assets from within their favorite, well-known tool environment.

SodiusWillert, your trusted OSLC expert

At SodiusWillert, linking data has been a core practice of our tools for years. We are your trusted expert in OSLC Connectors that help you optimize your engineering processes, improve team collaboration, and deliver projects faster.

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 sodiuswillert.com.