

PRODUCT SHEET

Leading edge requirements engineering and requirements management

Augment feature-rich requirements management with SodusWillert add-ons to increase the value and productivity of your end-to-end requirements engineering environment.

IMPROVE YOUR WORKFLOWS, ENHANCE COLLABORATION, AND LEVERAGE TRACEABILITY FROM REQUIREMENTS THROUGHOUT THE LIFECYCLE

Requirements Studio combines the IBM DOORS family with a set of proven add-ons from SodusWillert to speed up your workflows. Our Requirements Management Widgets simplify work by automating recurring manual tasks or by improving collaboration across the entire engineering lifecycle.

With Requirements Studio you benefit from end-to-end bi-directional traceability and prove compliance with requirements quickly and easily. Leverage ready-made formats for certification-related documentation that can be easily adapted to your individual needs.

WHAT'S INCLUDED

Requirements Studio is available in two versions:

- Requirements Studio Classic which includes:
 - IBM DOORS Classic
 - ReqXChanger
- Requirements Studio Next which includes:
 - IBM DOORS Next
 - ReqXChanger
 - RM Widgets



STATE-OF-THE-ART REQUIREMENTS MANAGEMENT

Requirements Studio includes IBM DOORS, enabling the integration of stakeholders from across the enterprise into your projects. Optimize collaboration and communication for higher project productivity and product quality. Benefit from end-to-end traceability throughout the lifecycle and easily demonstrate full requirements coverage.



REQUIREMENTS STUDIO CLASSIC

Requirements Studio CLASSIC version combines IBM DOORS, the proven requirements management environment with SodusWillert ReqXChanger. Leverage the rich requirements management feature set provided by IBM DOORS Classic and use ReqXChanger to share ReqIF compatible requirements data with UML modeling tools for bi-directional traceability.



REQUIREMENTS STUDIO NEXT

Bundle up IBM DOORS Next, SodusWillert ReqXChanger and RM Widgets and automate previously manual tasks or enable advanced filtering options. Benefit from IBM DOORS Next comprehensive requirements management features and from Change and Configuration Management across tool boundaries and engineering disciplines («Global Configurations»). ReqIF based exchange of requirements with UML modeling tools is also supported.

PRODUCT FEATURES

Manage Requirements with IBM DOORS or DOORS Next

Capture, analyze, track, and manage requirements with IBM Engineering Requirements Management DOORS or DOORS Next. Link requirements with other engineering artifacts across tool boundaries. Involve all stakeholders into the requirements management process as needed.

Share requirements with modeling tools with ReqXChanger

Requirements Studio supports the ReqIF-based exchange of requirements with IBM Rhapsody or Sparx Enterprise Architect -- a common use case in the automotive, aerospace, and railroad industries, and when sharing artifacts via OSLC is not an option. ReqXChanger (included in Requirements Studio) lets you quickly and easily synchronize requirements and models.

Boost the value of IBM DOORS Next with RM Widgets

SodiusWillert Requirements Management Widgets add capabilities that simplify your work with IBM DOORS Next:

- support for complex filters combining conditions with logical links,
- automated definition of a URI for each component,
- module comparison checking for modified or deleted components,
- use of JavaScript commands within user defined attributes.

BENEFITS OF REQUIREMENTS STUDIO

Improved product quality through consistent, high-quality requirements

Collaborative requirements capture, definition, and maintenance help you create a complete and consistent set of requirements. Requirements Studio includes IBM DOORS with comprehensive capabilities to collect, refine, analyze, and manage requirements, involving all relevant stakeholders across the organization.

Reduce certification efforts

Requirements Studio simplifies adherence to functional requirements, quality requirements, and constraints. Comprehensive features for monitoring and documentation of end-to-end bi-directional traceability simplify the proof of compliance with regulatory and other requirements, e.g. IEC61508, ASPICE, or ISO26262.

Extended traceability enabled by ReqIF

ReqXChanger creates bi-directional traceability based on the ReqIF standard between IBM DOORS and UML/SysML modeling tools. Extend the benefits gained from traceability, clarity on coverage and impact, and compliance documentation to include tools not supporting the OSLC standard for linking artifacts.

Improve collaboration

With Requirements Studio all stakeholders and project team members share the same version of the truth, across the engineering disciplines and across the enterprise. Optimize collaboration and communication among all project contributors, for higher project productivity and product quality.

Improved productivity

Our requirements management widgets help you automate manual workflows and provide comprehensive filtering capabilities to make viewing critical data with a minimized number of searches faster and easier. Your engineering teams will be relieved from time-consuming routine tasks.

Benefit from the expertise of SodiusWillert

Turn to us for your complete and perfectly tailored requirements engineering solution. Tap into our deep expertise acquired in many successful customer projects. We offer support for deployment, usage workshops, training, customization, individual add-ons or enhancements, and integration into your lifecycle environment.

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.