

# XOpenDoor - The Access to Your Requirements!

Requirements Management is an effective method to define the sum of requirements existing within sophisticated projects and to align them with the time frame and cost accounting. Telelogic DOORS® is currently one of the leading applications to handle tasks within the field of Requirements Management.

Product-specific data are used to be handled by a PLM System assuming that changes made to the product will affect product-specific requirements in the same way as updated or additional requirements will affect the product. This means that requirements are a vital part of product-specific data and it is clear that they have to be monitored by a PLM System.

XOpenDoor is supplying a solution to implement Your with Telelogic DOORS® defined requirements into a PLM System. This is the way to integrate Your requirements into the cross departmental processes spread throughout Your company, like a change process for example.

By utilizing both applications in conjunction, there are the following advantages:

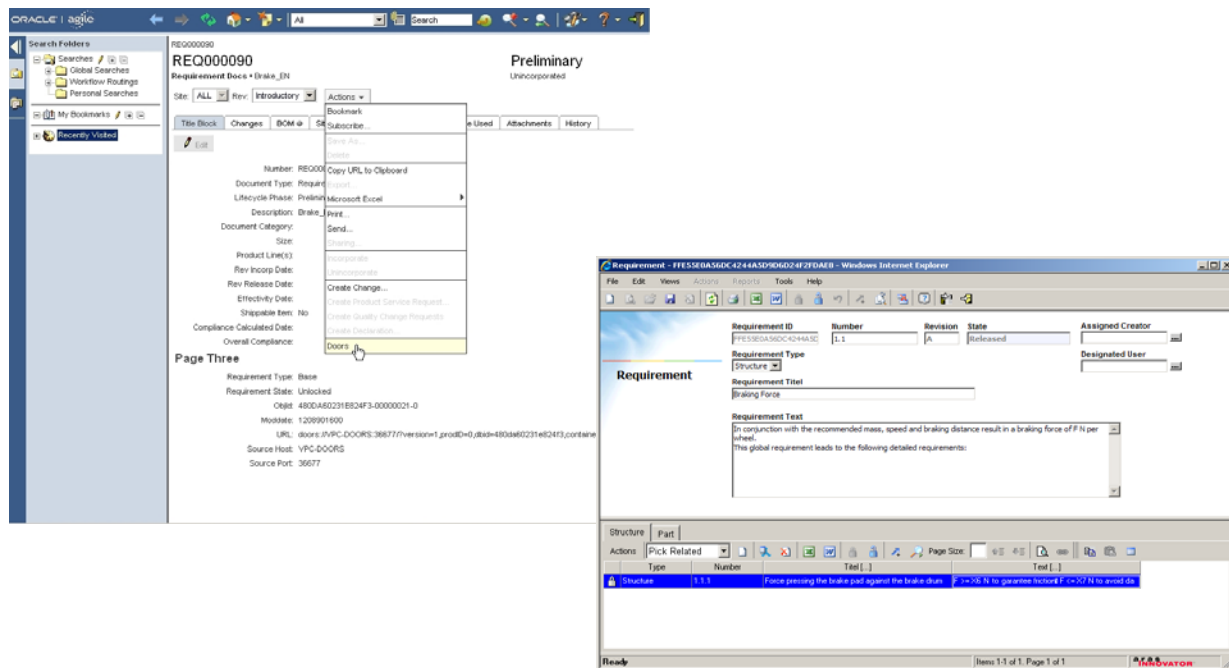
- XOpenDoor enables You to quickly discover effects of changes on the requirements, and also to trigger cross departmental processes.
- XOpenDoor ensures the incorporation of the Requirements Management into the processes spread throughout the company.
- Utilizing XOpenDoor, there will be a noticeable improvement of efficiency and quality concerning the whole process of the product development.



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XOpenDoor provides the ability to associate single requirements with the structure of the product, thereby enabling a drilldown to the part-level. Relationships between the requirements and the product infrastructure have to be primed within the PLM -System only once. Using XOpenDoor for the first data transfer, the attributes required for the relationship are established within DOORS® and the PLM System.

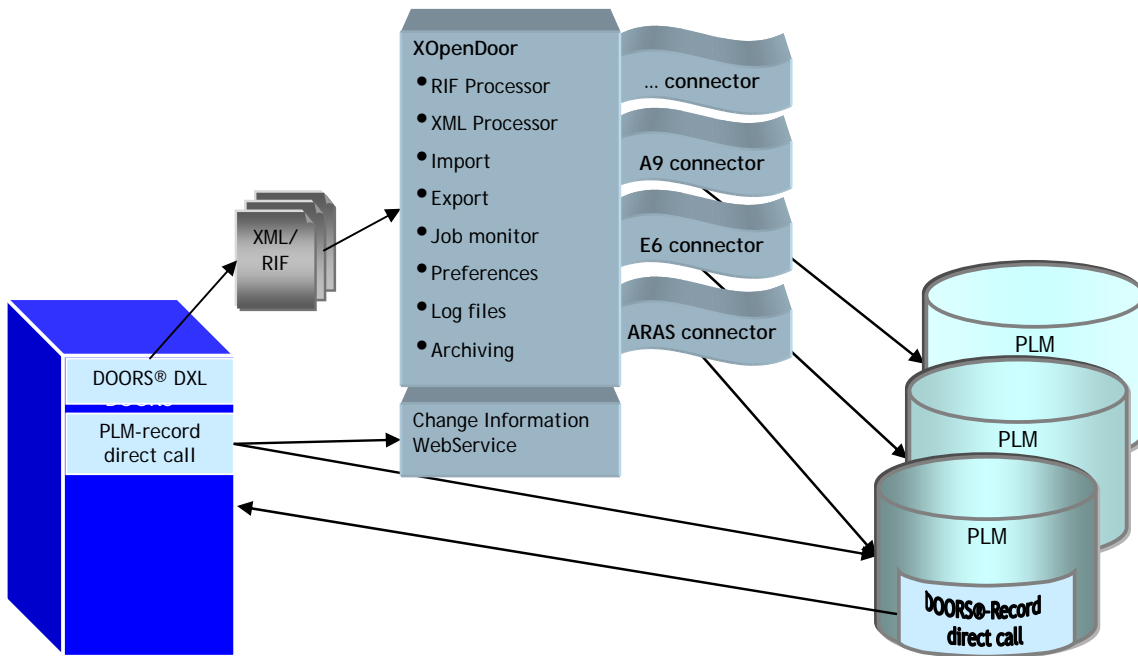
There is a bi-directional communication with XOpenDoor between Telelogic DOORS® as well as the PLM System: It is possible to switch to the "other world" concerning the requirements. Furthermore there is the possibility to hand over the control of changes for the requirements to the PLM System and to combine requirements with other tasks, like test plans or test procedures.



Data interchange is handled via XML/RIF-Format (Requirement Interchange Format). It is no problem to import existing RIF-Exports previously created by DOORS®.

Due to the open architecture of this technology there is a variety of PLM Systems to be integrated. The first PLM Systems already integrated are Oracle PLM, Oracle Engineering Collaboration and ARAS Innovator.

Seen from a technical point of view, XOpenDoor does consist of the XOpenDoor-kernel containing all necessary base functions for importing and exporting data, the PLM-specific Connectors and a Web-Service which is called from DOORS® optimizing and displaying the PLM-Data for DOORS®-Users, as an optional feature.



#### XOpenDoor main features:

- Requirements Management with Telelogic DOORS® is integrated into the company wide PLM System in a seamless way.
- Linkage of the requirement structure with the product structure due to precise allocation of requirements with assemblies and modules.
- Data exchange via XML / RIF-Format, also suitable for usage in conjunction with other applications.
- Requirement structures are displayed via a change request and incorporated into a defined workflow.
- Version control as a protection against uncontrolled changes within the requirements.
- Direct linkage from a PLM System back into Telelogic DOORS®
- Review of PLM change documents directly in DOORS®
- Reporting of the requirements via the PLM System.
- Control running integration processes by monitoring of client/server application.
- Archiving and logging functionalities.
- Easy installation, maintenance and alignment of the integration to the already existing PLM-System.

#### XOpenDoor system requirements:

- Windows NT, Windows XP, Mac OS, Linux
- Java VM (Version 5.0 or higher)
- Using Change Information Webservice: JBoss Version from 5.0 or Apache Tomcat from 5.0.x

#### Supported PLM applications:

- ARAS Innovator 9.0.1 or higher
- Agile A9 9.2 or higher
- Agile E6 6.0.4 or higher

**usb** in a nutshell:

- 1982 Foundation of usb office in Munich, Germany
- 1994 usb joins the CS Group, France
- 1998 Partnership with Eigner+Partner, Karlsruhe, Germany
- 2000 CM-Module made by usb is certified by ICM to be „CMII compliant“, scores 3 Stars.
- 2003 Partnership with Agile Software
- 2005 usb has key role during the CMII certification of Agile PLM
- 2007 Technological Partnership with Telelogic
- 2008 Certified Oracle Partner
- 2009 usb becomes German-speaking training centre for Aras Innovator

**Our Competence:**

- **Consulting and System Development**
  - PLM Process Analysis/System Audits
  - Requirements Management
  - Configuration Management (CM) for hardware and software
    - Including Change Management & Configuration Tracking
    - CMII certified personnel
    - Process Analysis/System Audits in compliance with CMII procedures and rules
  - Maintenance, Repair and Overhaul (MRO)
- **Software Engineering**
  - Client/Server
  - Mainframe
  - XML, Java, ...
  - Starting from analysis up to implementation and support

**Our partners:**



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