

PTC® Live Global

PTC 217 - Practical Interoperability: Managing and Exchanging Requirements

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Product Management Director

June 9, 2015

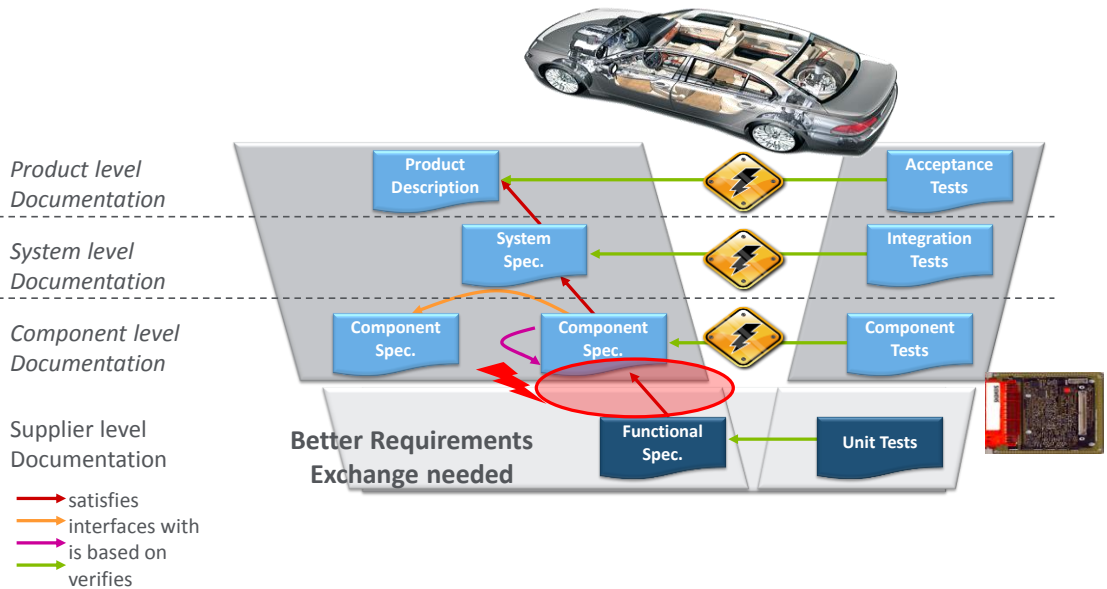


Agenda

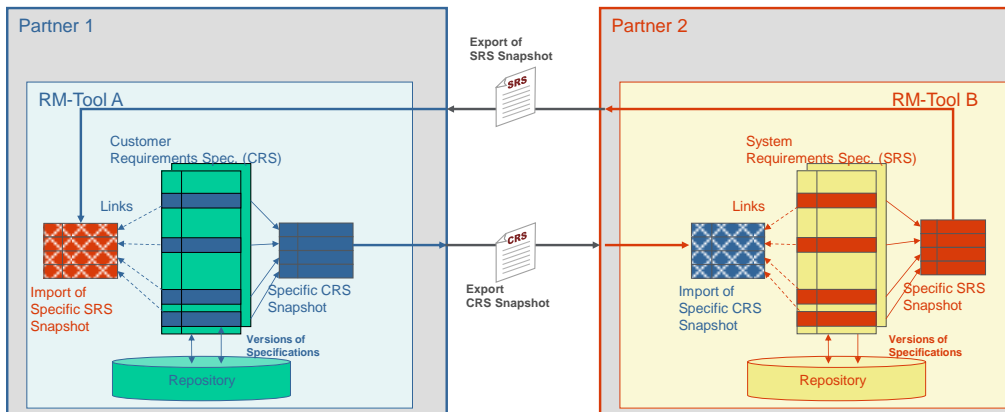
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- Importance of Systems Engineering





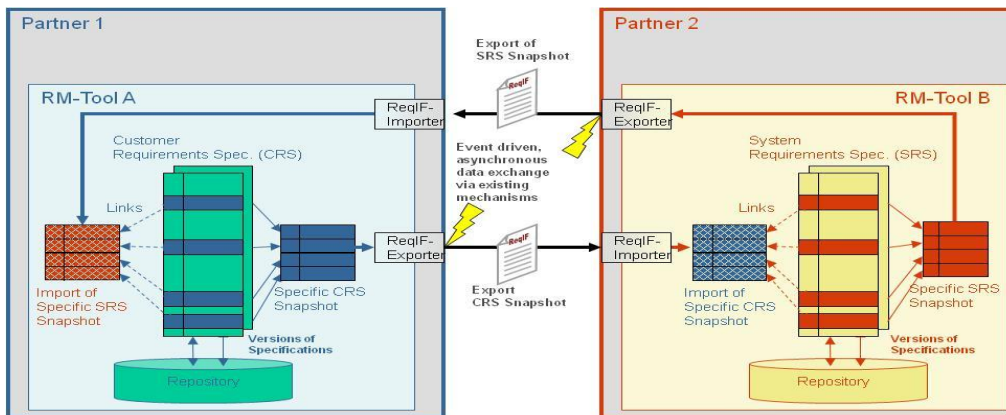
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RM-Tool A = RM-Tool B: Tool specific / proprietary formats can be used

RM-Tool A ≠ RM-Tool B: Intermediate formats (e.g. xls) can be used, with potential information loss

4



“A dedicated XML-Format for lossless information exchange, including link restore, embedded objects support and transfer of formatted content”

*ProSTEP iVIP 2013 REConf

Key Objectives - ReqIF Implementer Forum

Mission

Support RM-Systems Vendors in the adoption of OMG ReqIF 1.0.1 in order to ensure **interoperability** between different implementations

Goal

Enable lossless exchange of requirement specifications and relations between requirements for companies that may use the same or different Requirements Management tools, and OMG ReqIF importing / exporting tools

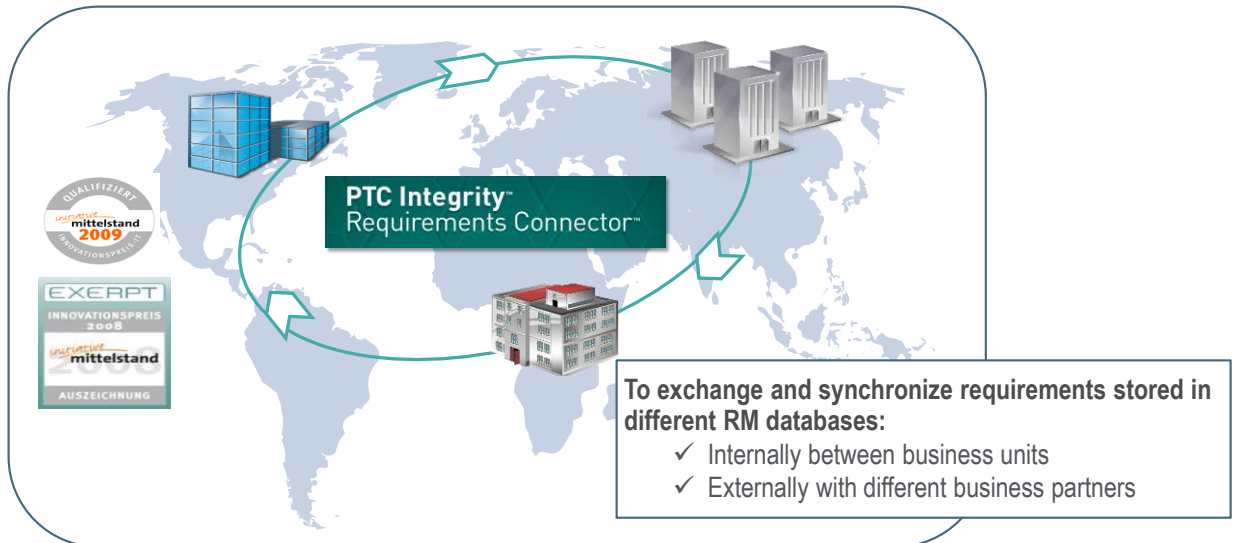
Objectives

- Provide **non-competitive forum** for OMG ReqIF implementors
- Facilitate **conventions** definition (e.g. common system attributes)
- Enable definition of common **testing** methods, test data and test scenarios
- Gather and consolidate **implementation feedback** & provide guidance

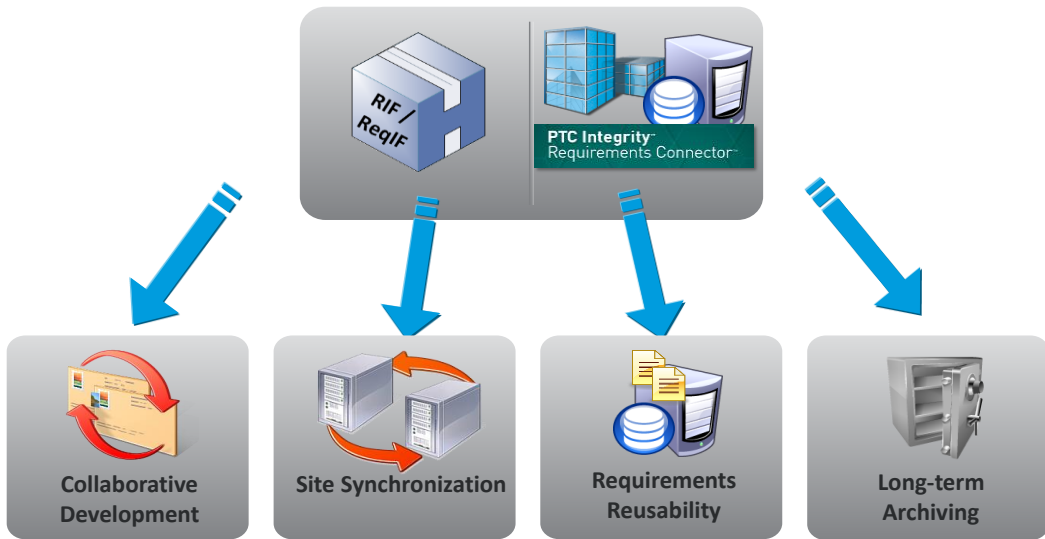


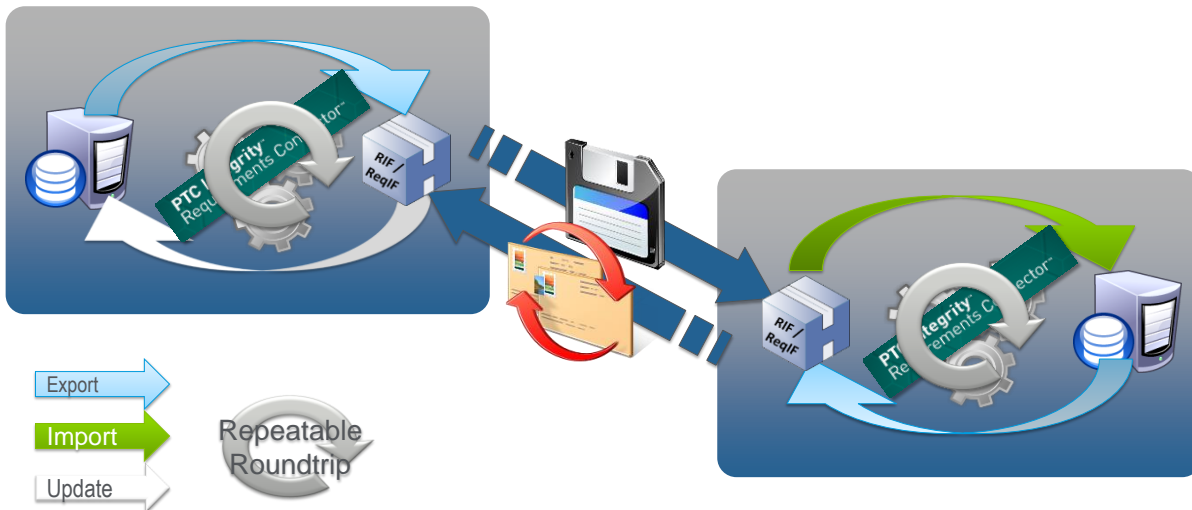
*ProSTEP iVIP 2013 REConf

What PTC Integrity Requirements Connector does?



PTC Requirements Connector Use Cases

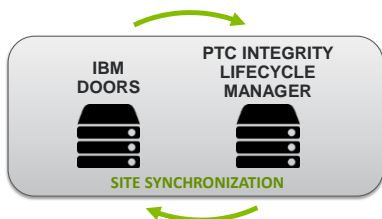




Deliver requirements interchange across applications and organizations.

PTC Integrity Lifecycle Manager Support

- Exchange requirements with Integrity Lifecycle Manager (ILM), IBM DOORS and other ReqIF-compliant applications
- Share high-fidelity requirements information across vendor boundaries
- Include rich text, images, OLE objects, and relationships



- **Automated Baseline Creation**
 - Manage requirements over time
 - Meet compliance reporting needs
- **ReqIF support**
 - Standardized exchange format with any requirements application
- **Increase performance**
 - Faster export/import; 64-bit support
- **Flexible mapping**
 - Configurable to support variety of attributes and requirements
- **Direct integration with IBM DOORS**
 - Compatible with 8.1 to 8.3 & 9.1 to 9.6

Demonstration

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- Your feedback is valuable
- Don't miss out on the chance to provide your feedback
- Gain a chance to win an instant prize!
- Complete your session evaluation now

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Advanced registration is strongly suggested, but not required.*

Tuesday, June 9 Training Seminars

10:00 a.m. – 12:00 p.m.	SysML Modeling with PTC Integrity Modeler <i>Matthew C. Hause, PTC</i>
1:00 p.m. – 3:00 p.m.	Requirements Engineering with PTC Integrity Lifecycle Manager <i>Sheilah Fournier, PTC</i>
4:00 p.m. – 6:00 p.m.	Create and Automate Any Process with PTC Integrity Process Director <i>Jonathan Archer, PTC</i>

Wednesday, June 10 Training Seminars

7:45 a.m. – 9:45 a.m.	SysML Modeling with PTC Integrity Modeler Matthew C. Hause, PTC
10:00 a.m. – 12:00 p.m.	Requirements Engineering with PTC Integrity Lifecycle Manager Sheilah Fournier, PTC

*Each session has room for 24 attendees to sit and share 12 computers. Anyone above the 24 cap will be an observer.

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