SPARX SYSTEMS

Teamcenter 2007

Sparx Systems Enterprise Architect integrates seamlessly into Siemens PLM Teamcenter Systems Engineering (TcSE)

With advanced modeling capabilities, support for UML 2.1 and a wealth of innovative features, Enterprise Architect and **MDG Integration for TcSE** deliver a rich and compelling modeling platform, right inside Teamcenter Systems Engineering.

TcSE MDG Integration™

TEAMCENTER SIEMENS

Enrich your product development with UML Modeling today!

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For more information visit:

www.sparxsystems.com/tcse

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Create, Edit and View UML Alongside Product Blueprints
Direct access to integrated UML model content for developers, architects analysts and system engineers. Immediate access to Business Rules, Requirements and other UML project specifications. Directly integrate and exchange model information between Teamcenter Systems Engineering and Enterprise Architect.

Link UML 2.1 projects to Teamcenter Folders
Import and export UML model information between Enterprise Architect models and Teamcenter projects. Keep projects and models synchronized in one step. Customize mappings between UML and Teamcenter constructs.

Model-Driven Requirements Management
Integrate Enterprise Architect and Teamcenter Requirements. Establish strong traceability between requirements, product specifications, software designs and deployment models.

Extensible UML 2.1 Modeling
Use UML 2.1's extensibility to capture and share UML software designs, BPMN business processes and SysML system models, with product specifications and requirements.

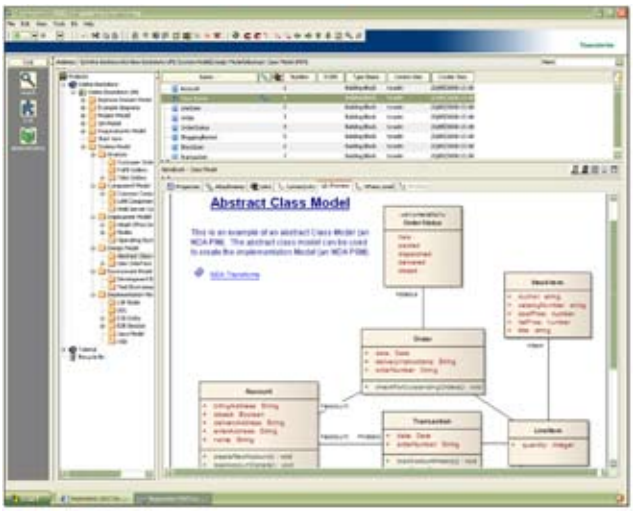
Create rigorous, model-driven designs
Take advantage of support for MDA transformations, Maintain design focus with support for Architecture Frameworks including Zachman, TOGAF, DoDAF and MoDAF.

Get MDG Integration for TcSE Today
The MDG Integration for TcSE software is distributed by Siemens PLM with Teamcenter 2007 Systems Engineering 3.1 (Trial and Full versions).

For more information visit www.sparxsystems.com/tcse

Features:

- Seamless integration of **UML 2.1** models into Teamcenter 2007 for Systems Engineering
- Integrate UML software models, **BPMN processes** and **SysML designs** with product blueprints
- **Synchronize** models with PLM product blueprints
- Forward and Reverse Engineer Source Code and Databases
- Use **MDA** (Model Driven Architecture)
- Complete **XML Schema Modeling** and Import/Export for greater engineering functionality
- Detailed Support for **architectural frameworks** such as Zachman, TOGAF and DoDAF/MODAF.



ENTERPRISE ARCHITECT | TcSE MDG Integration | TEAMCENTER

All product names are owned by their respective owners.

Integrate UML 2.1 into Teamcenter 2007 for Systems Engineering by Siemens PLM

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