



Overview of SimManager



Course Objectives

- By the end of this course, you will be able to:
 - Use the Web User Interface of SimManager to navigate, search, and retrieve data.
 - Publish simulation data, such as models and results to SimManager.
 - Using single publish
 - Using Import tools
 - Collaborate and share data with other users.
 - Capture iterations and summarize results using the Study tool.
 - Understand the lifecycle stages of SimManager objects and the access controls used to manage security of data and actions.

Additional SimManager Courses

- SMM102 – SimManager Basic Configuration (1 day)
 - Focus: Using web UI to perform administration and configuration tasks.
 - Prerequisite: SMM101
- SMM111 – SimManager Automotive Solution (2 days)
 - Focus: Automotive analyst using automated simulation & Simulation Generator.
 - Prerequisite: SMM101
- SMM112 – SimManager Automotive Solution Configuration (1 day)
 - Focus: Methods expert / configurator setting up automated simulation.
 - Prerequisite: SMM101; recommended: SMM102

Additional SimManager Courses (Cont.)

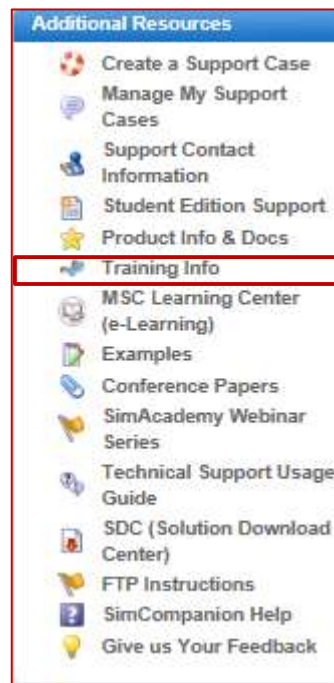
- SMM201 – SimManager Basic Configuration (2 days)
 - Focus: Installer / administrator (Installation and administering vaults and databases; using admin tools, monitoring and optimizing performance)
 - Prerequisite: SMM101; recommended: SMM102
- SMM301 – SimManager Advanced Configuration (2 days)
 - Focus: Configurator / administrator deploying & configuring a portal
 - Topics: Basic architecture, Schema overview, Content enrichment, EL, Object Typing, CAB, Look and Feel customization, Trees & Type config;
 - Prerequisite: SMM102, SMM201 are recommended. For advanced users with skills in programming, databases, web servers.
- SMM302 – SimManager Advanced Programming (2 days)
 - Focus: Configurator / administrator deploying & configuring a portal.
 - Topics: Expression Builder; Queues, JavaScript, API, UI specs, SimActivity & SimProcess. Widgets. SOD/ MOD config.
 - Prerequisite: SMM301

SimManager Learning Paths

- End-user / Analyst : SMM101, SMM111 (automotive)
- CAE Manager : SMM101, SMM102
- Methods expert : SMM101, SMM102, SMM112 (automotive), SMM111
- System administrator : SMM101, SMM102, SMM201, SMM301
- Configuration specialist : SMM101, SMM102, SMM201, SMM301, SMM302

How to Obtain Additional Training

- Integration of enterprise and simulation applications mentioned in this section is an advanced topic that is beyond the scope of this course. Additional configuration is required.
- Information on Training Courses can be obtained from <http://simcompanion.mscsoftware.com>



Support: SimCompanion

- One stop for full online support
 - FAQs
 - Documentation
 - Webinars & Multimedia
 - Known Issues
- Find answers to your questions
- Subscribe to email notification
- Access to other support resources
 - **MSC Community**
 - Discussion Forums
 - Case Management
 - Training Information

The screenshot shows the MSC Software SimCompanion website. The header includes the MSC Software logo and a navigation menu with links: HOME, NEWS, TECH ARTICLES, CONFERENCE & TECH PAPERS, EXAMPLES, ISSUES, PRODUCT UPDATES, and WEBINARS & MULTIMEDIA. A language selector shows 'English' with a 'Change' button.

The main content area is titled 'Welcome to SimCompanion' and 'The MSC Knowledge Base for Technical Articles, Documentation, Webinars & more'. It features an 'Ask a Question' section with a text input field (example: 'What is a superelement?'), a 'Product' dropdown menu set to 'All', and an 'Ask' button. Below this is a note to 'Please select your preferred language(s) for answers, click here to toggle the check list.' and a 'Tips' link.

There are three main article lists:

- Recent Articles:** A table with columns 'ID' and 'Title'. It lists 10 articles, including 'Marc doesn't pass the equivalent plastic strain at beginning of increment into user subroutine UNLCMD correctly' (KB008777) and 'Adams 2018 Student Edition Issue' (KB008773).
- Popular Articles:** A table with columns 'ID' and 'Title'. It lists 10 articles, including 'Support Contact Information' (KB0019304) and 'Solution Download Center (SDC) - Adding New Users (admins only)' (KB0019501).
- Recent Product News:** A table with columns 'ID' and 'Title'. It lists 4 news items, including 'MSC Nastran 2018.1 Release Overview' (PN158) and 'MSC Nastran 2018.0 Release Overview' (PN149).

On the right side, there is a user profile section for 'Welcome MSC MSCCommercialUser' with links for Logout, My Settings, My Profile, and My Subscriptions. Below this is an 'Access Level' section showing 'Commercial User'. At the bottom right is an 'Additional Resources' section with links to 'Ask the MSC Community', 'Create a Support Case', 'Manage My Support Cases', 'Support Contact Information', 'Student Edition Support', 'Product Info & Docs', 'Training Info', 'MSC Learning Center (e-Learning)', 'Examples', 'Conference Papers', 'SimAcademy Webinar Series', 'Technical Support Usage Guide', 'SDC (Solution Download Center)', 'FTP Instructions', 'SimCompanion Help', and 'Give us Your Feedback'.

<https://simcompanion.mscsoftware.com>

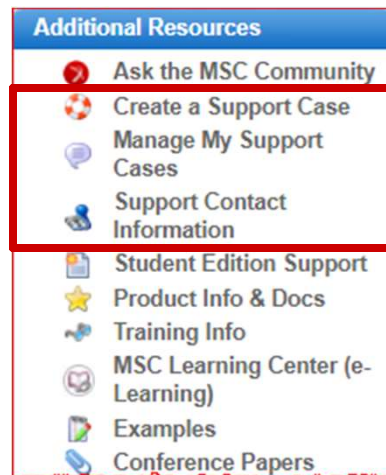
SS7

SimCompanion is MSC Software's extensive online database. Here we have access to technical articles, and documentation. We can ask a question to search for specific technical articles and we can create a technical support case.

Swati Srivastava, 2018-06-04

SimCompanion

- Personalized Support via the following channels
 - Web
 - Create a Support Case
 - Manage My Support Cases
 - Email
 - List of Addresses in Support Contact Information
 - Phone
 - List of Phone Numbers in Support Contact Information



Web:	
http://support.mscsoftware.com/servicerequest	
Email:	
English	
- SimCompanion Access	support@mscsoftware.com
- MSC Nastran	mscnastran.support@mscsoftware.com
- Adams	mscadams.support@mscsoftware.com
- Patran	mscpatran.support@mscsoftware.com
- Actran	actran.support@mscsoftware.com
- Dytran	mscdytran.support@mscsoftware.com
- Easy5	easy5.support@mscsoftware.com
- MSC Fatigue	mscfatigue.support@mscsoftware.com
- Marc	mscmarc.support@mscsoftware.com
- MaterialCenter	materialcenter.support@mscsoftware.com
- Mvision	mscmvision.support@mscsoftware.com
- Sinda	mscsinda.support@mscsoftware.com
- SimDesigner	simdesigner.support@mscsoftware.com
- SimManager	simmanager.support@mscsoftware.com
- Simufact (Americas)	support.americas@simufact.com
- Simufact (Outside Americas)	support@simufact.de
- SimXpert	simxpert.support@mscsoftware.com
- MSC Apex	mscapex.support@mscsoftware.com
- MSC Licensing, Installation, and Configuration	msc_lic.support@mscsoftware.com
Chinese (Simplified)	support.cn@mscsoftware.com
Chinese (Traditional)	support.tw@mscsoftware.com
French	support.fr@mscsoftware.com
German	support.de@mscsoftware.com
Italian	support.it@mscsoftware.com
Japanese	support.jp@mscsoftware.com
Korean	support.kr@mscsoftware.com
Portuguese	suporte.mscbrasil@mscsoftware.com
Russian	support.ru@mscsoftware.com
Spanish	support.es@mscsoftware.com
Phone:	
BeNeLux (Belgium, Netherlands, Luxembourg)	+31 (0)162 52400 (in Summa Innovation B.V.)
Brazil	0800-891-4346
China - Beijing	+86-10-52607000
China - Shanghai	+86-21-63326655
China - Chengdu	+86-28-86199275/6
China - Shenzhen	+86-755-23811895
Czech Republic	+420 54517 6106
DACH	+49 89 431 987 277
Denmark	+45 61 22 32 00
Finland	0800-9-14709
France	+33 5 34 60 44 80

SS8

From SimCompanion, you can Create and Manage Technical Support Cases online.

Also, by clicking on Support Contact Information, you can see a list of e-mail addresses you can use to submit a question to Technical Support based on the product of interest. There is also a list of Technical Support phone numbers World Wide if you wish to call technical support.

Swati Srivastava, 2018-06-04

Simcompanion (Cont.)

- Product Info and Docs
 - Access to all MSC product documentation

Additional Resources

- Ask the MSC Community
- Create a Support Case
- Manage My Support Cases
- Support Contact Information
- Student Edition Support
- Product Info & Docs**
- Training Info
- MSC Learning Center (e-Learning)
- Examples
- Conference Papers
- SimAcademy Webinar Series
- Technical Support Usage Guide
- SDC (Solution Download Center)
- FTP Instructions
- SimCompanion Help
- Give us Your Feedback

Docs

Product Information and Documentation

[Back](#)

Docs ID: DOC5275
Status: Published
Published date: 09/25/2009
Updated: 03/27/2010

Description

Please click on desired MSC Product icon, to find the summary of Product Information and Documentation for current and prior versions, such as:

- What's New
- Release Guides
- Hardware & Software Requirements
- Set Up Guides (Installation, Licensing, and Configuration)
- Other product-specific content...

CAE Tools

Virtual Build & Test Management

[Sign In](#) [Feedback](#) [Contact Us](#)

Get what you want from MSC more efficiently and effectively, either reactively through browsing and searching, or proactively through content subscriptions that you manage.

[Play Tour](#)

Click image above for a tour of SimCompanion.

Additional Resources

- Ask the MSC Community
- Create a Support Case
- Manage My Support Cases
- Support Contact Information
- Student Edition Support
- Product Info & Docs
- Training Info
- MSC Learning Center (e-Learning)
- Examples
- Conference Papers
- SimAcademy Webinar Series
- Technical Support Usage Guide
- SDC (Solution Download Center)
- FTP Instructions
- SimCompanion Help
- Give us Your Feedback

Languages

This article is available in the following languages:

Docs

SimManager Support

[Back](#)

Docs ID: DOC3277
Status: Published
Published date: 09/27/2009
Updated: 09/15/2016
Reported In: SimManager - SimManager Docs

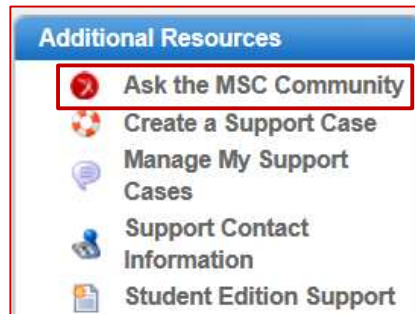
Description

Product Information & Documentation

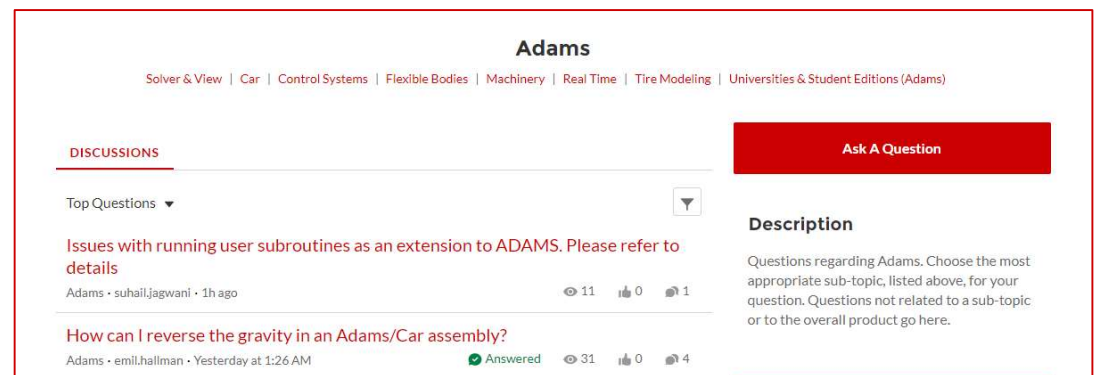
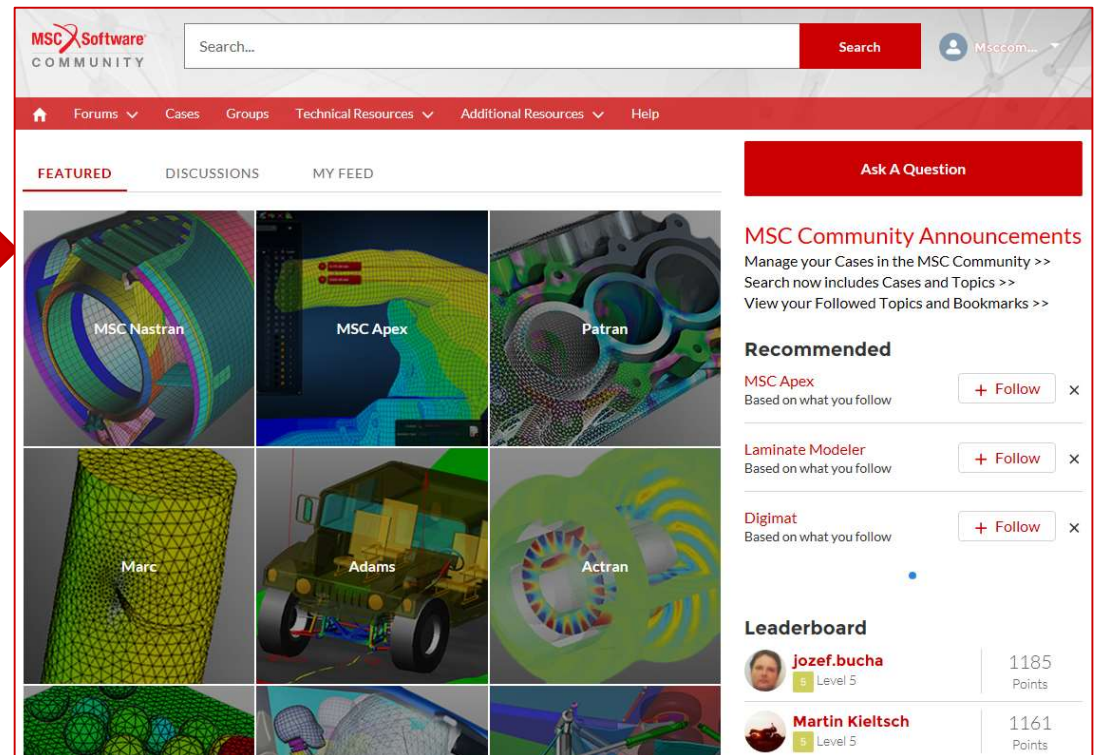
	Enterprise 2014 and later	Enterprise 2012.2	Enterprise 2012.1	Enterprise 2012	Enterprise 2010.1.2	Enterprise 2010.1.1	Enterprise 2010	Enterprise R3.4
What's New & Release Notes	https://docs.mscsoftware.com/SimManager All documentation for versions after the 2012.2 release must be accessed from the above link. Registration is required.	MSC SimManager Enterprise Version 2012.2 Release Guide	MSC SimManager Enterprise Version 2012.1 Release Guide	MSC SimManager Enterprise Version 2012 Release Guide	MSC SimManager Enterprise Version 2010.1.2 Release Guide	MSC SimManager Enterprise Version 2010.1.1 Release Guide	MSC SimManager Enterprise Version 2010 Release Guide	
Hardware & Software Requirements		MSC SimManager 2012.2 Hardware & Software Requirements	MSC SimManager 2012.1 Installation Guide	MSC SimManager 2012 Hardware and Software Requirements			SimManager 2010 Hardware and Software Specifications	Hardware and Software Specification for SimManager R3.4
Set Up Guides (Installation, Licensing, & Configuration)		MSC SimManager 2012.2 Installation Guide 2012.2 Administration Guide 2012.2 Configuration Guide	MSC SimManager 2012.1 Installation Guide 2012.1 Administration Guide 2012.1 Configuration Guide	MSC SimManager 2012 Installation Guide 2012 Administration Guide 2012 Configuration Guide	MSC SimManager™ 2010.1.2 Installation Guide		MSC SimManager™ 2010 Installation Guide MSC SimManager™ 2010 Administration Guide	
Online API		MSC SimManager 2012.2 Programmer's Guide	MSC SimManager 2012.1 Programmer's Guide	MSC SimManager 2012 Programmer's Guide				

Support: MSC Community

- Access MSC Community from SimCompanion



- Discussion Forums for User Collaboration
- Follow Topics of Interest, including Email Settings
 - Replying to Email will upload your post
- Know what's Trending
- Leaderboard for User Recognition
- **Manage Support Cases**
- Search Discussions and Your Cases



SS10

Our Virtual Product Developed (VPD) forms are also easily accessed via the right side of all SimCompanion pages. Our online forms are arranged by product name and they allow you to discuss technical issues with experts from various domains. You can subscribe to these forms to get daily digest emails that will keep you addressed of all that is being discussed in a particular form.

Swati Srivastava, 2018-06-04

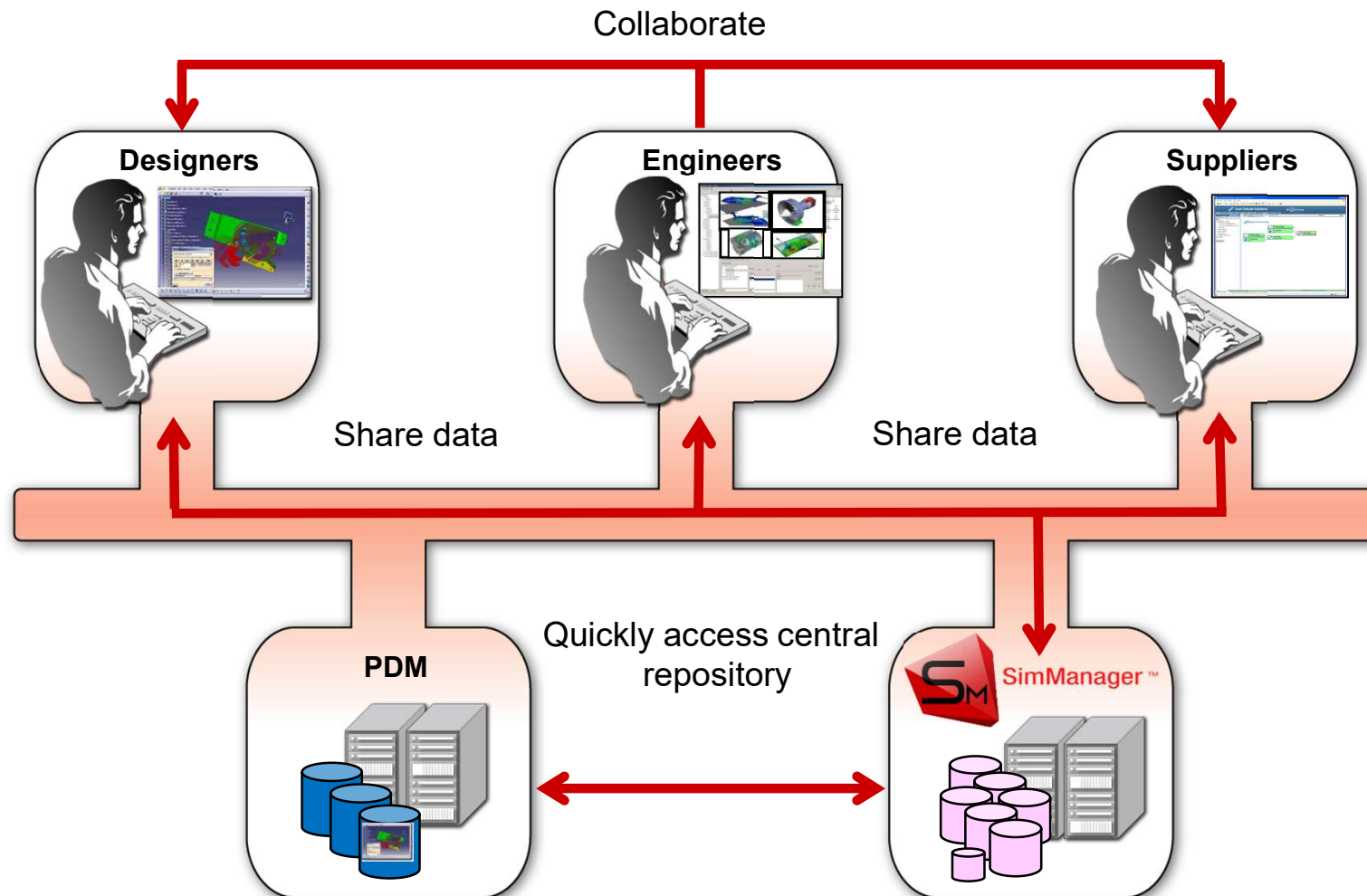
Simmanager Documentation Website

- Full set of SimManager documentation online
 - Guided Walk-Through
 - User's Guide
 - Installation Guide
 - Configuration Guide
 - Administration Guide
 - Programmer's Guide
 - Migration Guide
 - AdamsCar Portal Guide
- Login required and is available to SimManager customers
 - Use same login credentials as SimCompanion
 - See <https://docs.mscsoftware.com/SimManager/>

Overview of SimManager 2018

- SimManager 2018 brings innovative new functionality along with enhancing existing capabilities making SimManager truly an out-of-the-box Simulation Process and Data Management product ready to install and use. This release includes significant improvements and enhancements for the Simulation Generator, the Adams/Car portal, and all new framework to create custom process input page UIs.
- Key SimManager 2018 Projects
 - Simulation Generator
 - Flex UI
 - Adams Car Process Automation
 - Maintenance

Overview of SimManager 2018 (CONT.)

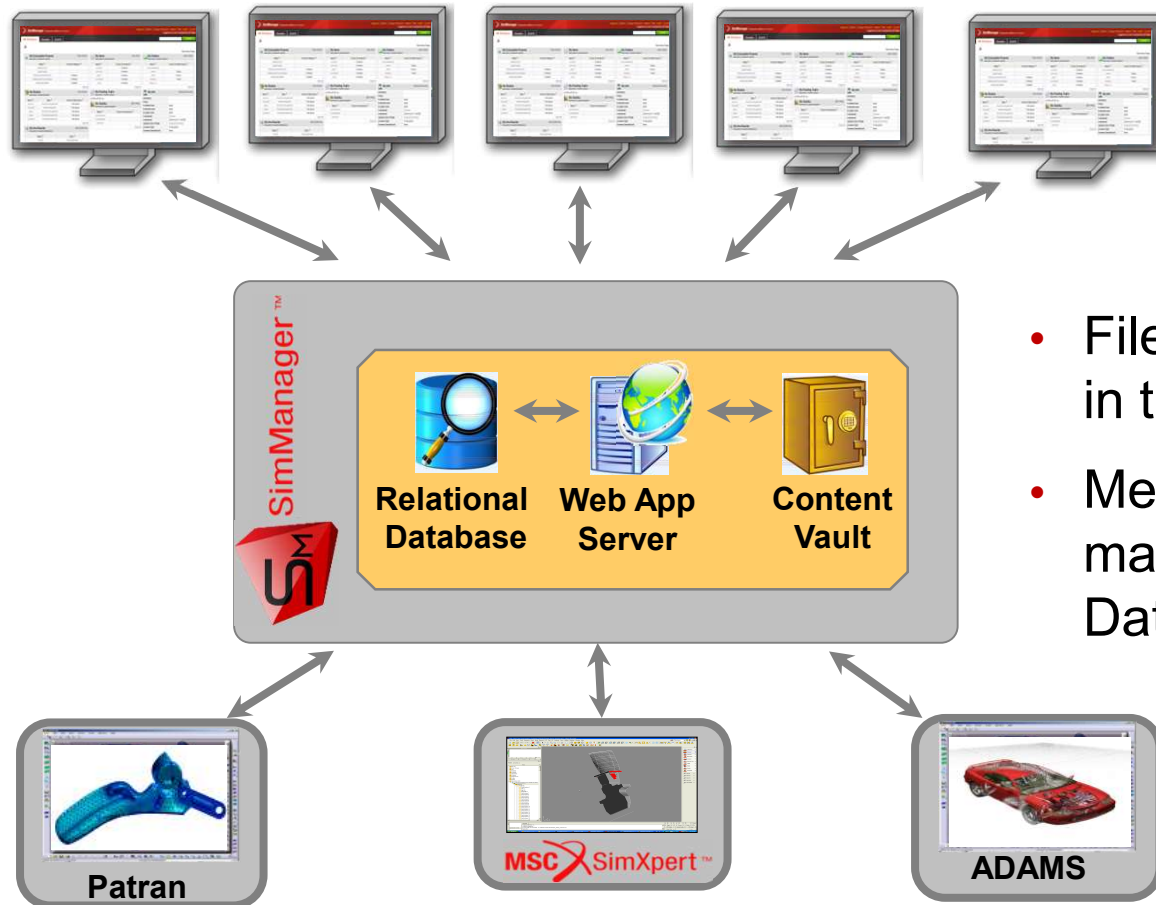


Overview of SimManager 2018 (Cont.)

- Utilizes an easy-to-use web browser (thin client) interface.
- Handles any data type, including: CAD and CAE models, data decks, results, and related files.
- Allows import of data generated outside SimManager environment.
- Provides a rich client plug-in to directly integrate with Patran, Adams/Car, Mentat, Ansa, and Custom Application.
- Allows global content access and sharing from web-browser and from within familiar applications.
- Can handle multi-site implementations around the globe.

Web Browser and Integrated Client Access

Open Support of 3rd Party CAE - Web-browser Clients



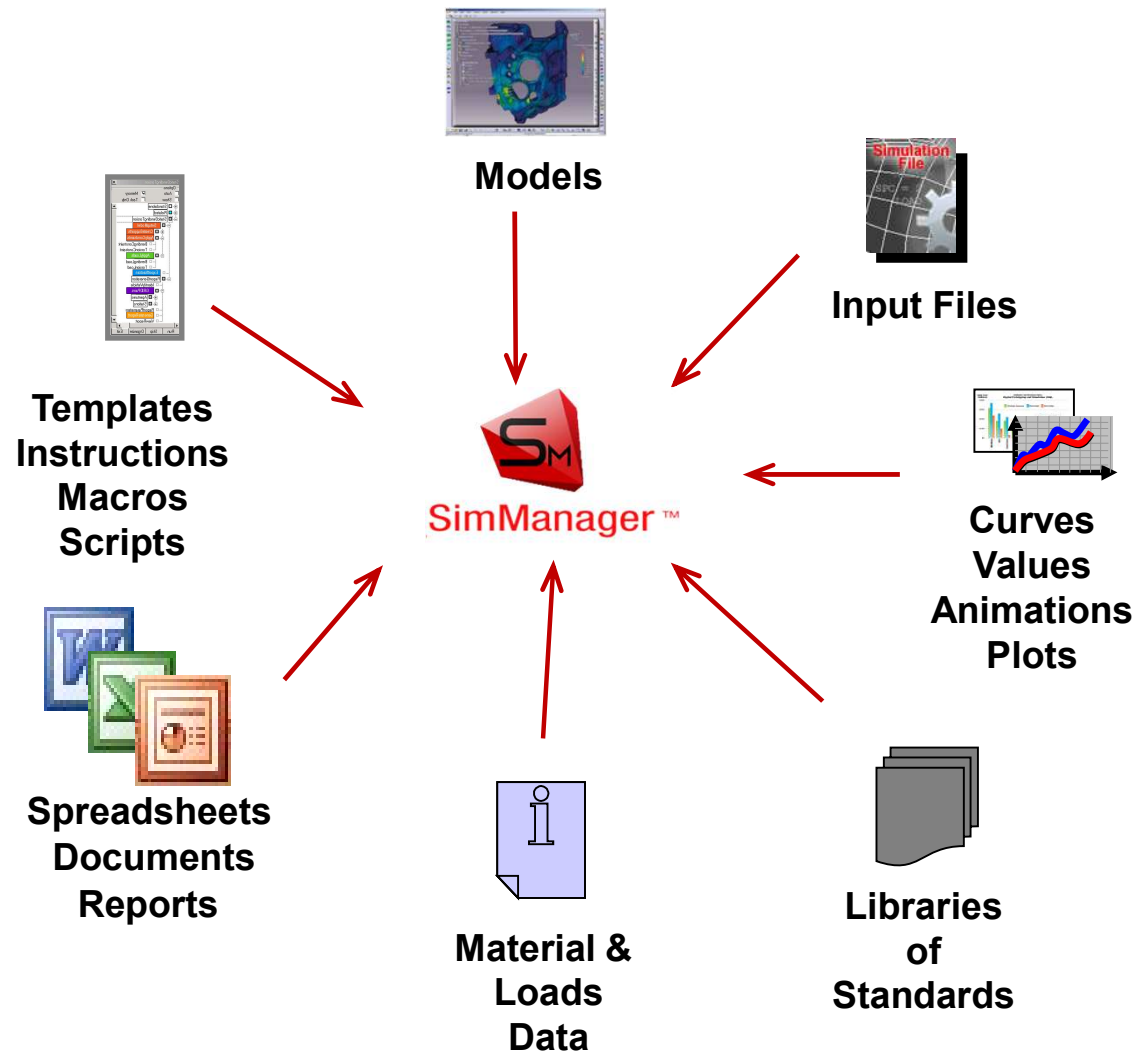
- Files are managed in the Vault
- Meta-data are managed in the Database

MSC Integration

Content Management in SimManager

- Stores and protects simulation content.
 - Consistent and automated classification
 - Secure storage in protected vault
 - Role-based access control
 - Content and process relationships (audit)
- Provides an audit trail for simulation content retaining history and relationships between data.
- Version control
- Integrated release-level management

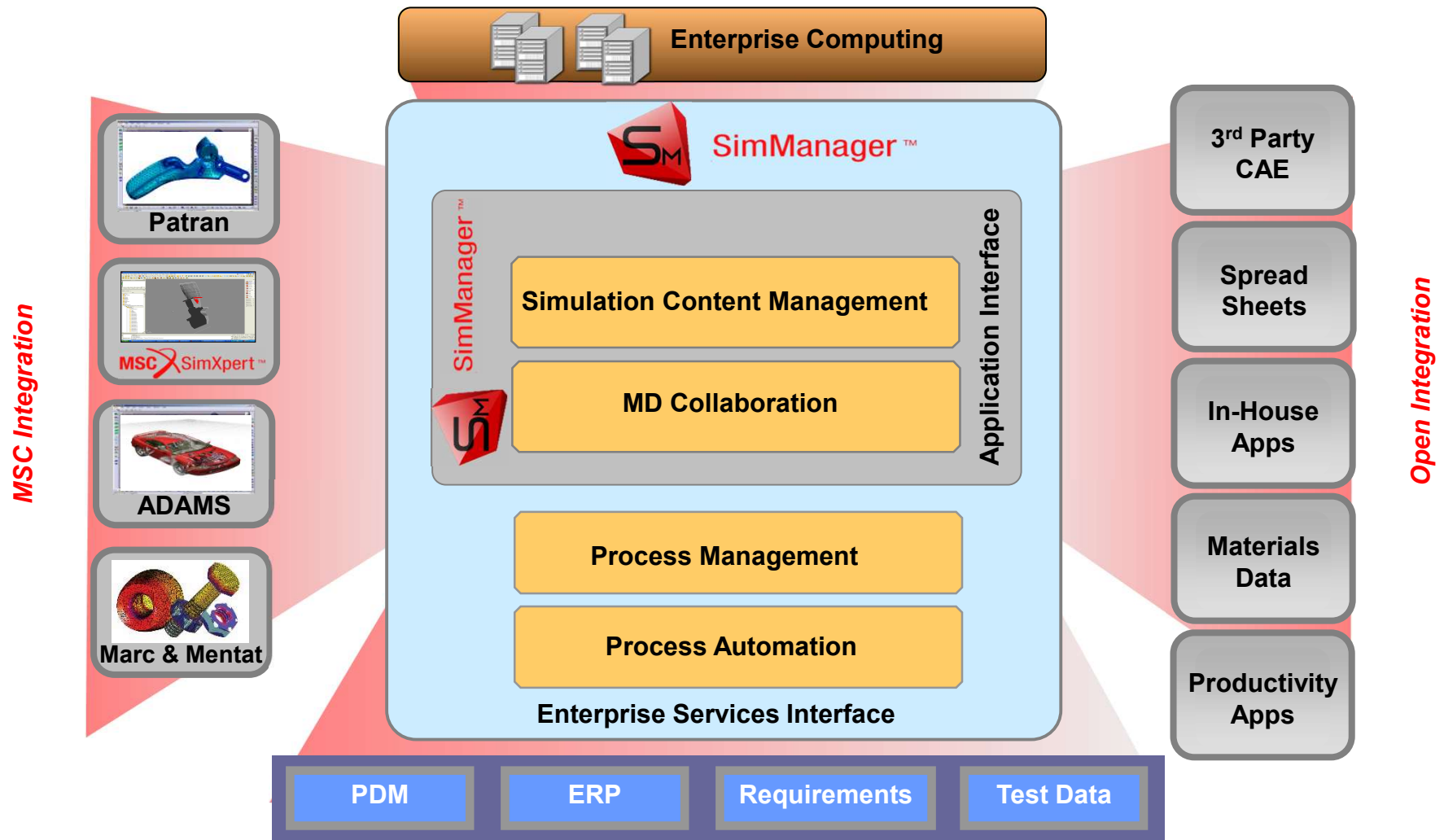
Content Management in SimManager (Cont.)



Enterprise Services and Application Integration

- SimManager provides simulation process execution and management.
- SimManager allows you to configure your own applications (for example solvers or post-processing).
- It allows for automation of simulation processes by interfacing with customer's applications and scripts.
- It supports integration with other enterprise applications:
 - PDM
 - Workflow
 - Requirements management systems
 - LDAP
 - Job submission systems
 - Compute clusters

Enterprise Services and Application Integration (Cont.)



SimManager Supports Automated Simulation

- SimManager provides for integration of your simulation processes.
 - Supports any simulation process which follows the same basic pattern:

