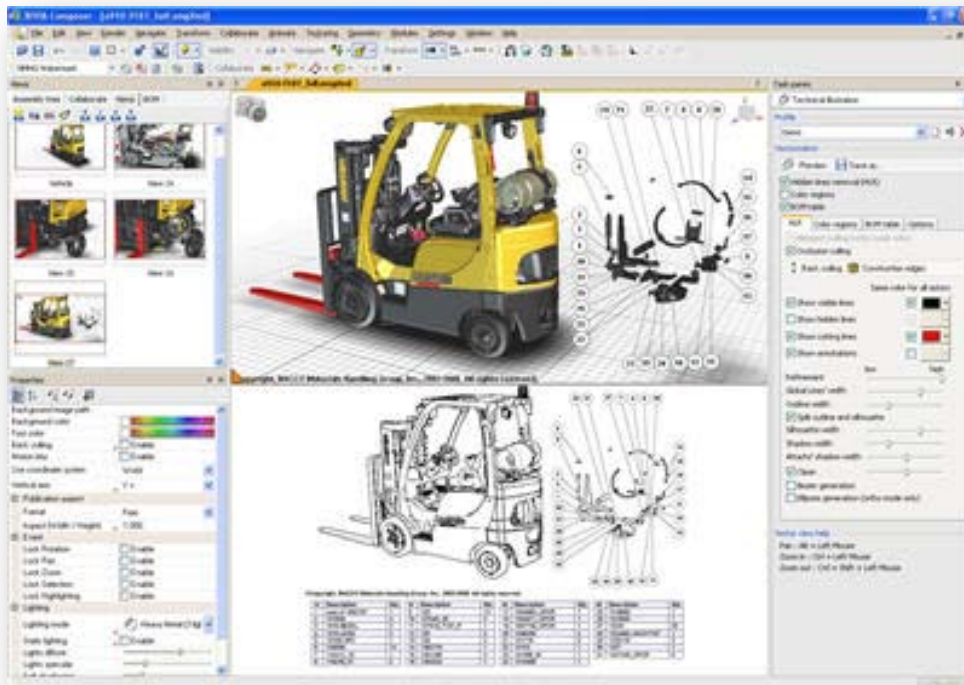




3DVIA Composer V6R2010 - FACT SHEET

Product Information “Everyware”



- **BRAND VALUE AT A GLANCE**
- **BRAND V6R2010 ENHANCEMENTS QUICK VIEW**
- **BRAND OVERVIEW**
- **BRAND DOMAINS & V6R2010 ENHANCEMENTS**



3DVIA Composer VALUE AT A GLANCE

3DVIA Composer is a product which revolutionizes the way companies create, deliver, and maintain content for product documentation. With the 3DVIA Composer product line you can leverage the 3D product design, and add relevant content to support documentation for technical publications, product training guides, product service and maintenance manuals, and assembly instructions.

The entire enterprise can benefit from content created by 3DVIA Composer, as it dramatically improves the creation time for traditional paper-based content, while providing a platform for creating rich, interactive documentation – all while keeping that content up-to-date and in sync with the ever-evolving product designs.

3DVIA Composer V6

- Extend 3D content manipulation for new users, businesses, and consumers
- Provide authoring tools that deliver 3D lifelike experiences.
- Enable on-line distribution of content leveraging the DS online infrastructure
- Create new communities with 3D as the common language.
- Leverage the 3D product design, add relevant content to support documentation for technical publications, product training guides, product service and maintenance manuals, and assembly instructions.
- Connect rich information from ENOVIA databases into 3DVIA Composer using the power of ENOVIA 3DLive.

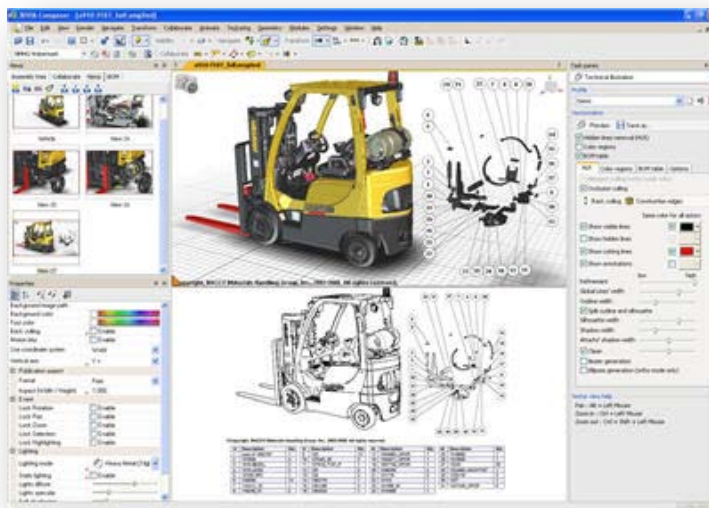


Figure 1: 3DVIA Composer



3DVIA Composer V6R2010 ENHANCEMENTS QUICK VIEW

3DVIA Composer V6R2010

- ENOVIA 3DLive Bridge
- 3DVIA Composer Player Pro
- 3DVIA Composer API
- Enhanced Technical Illustration Capabilities including ShadowCaster technology

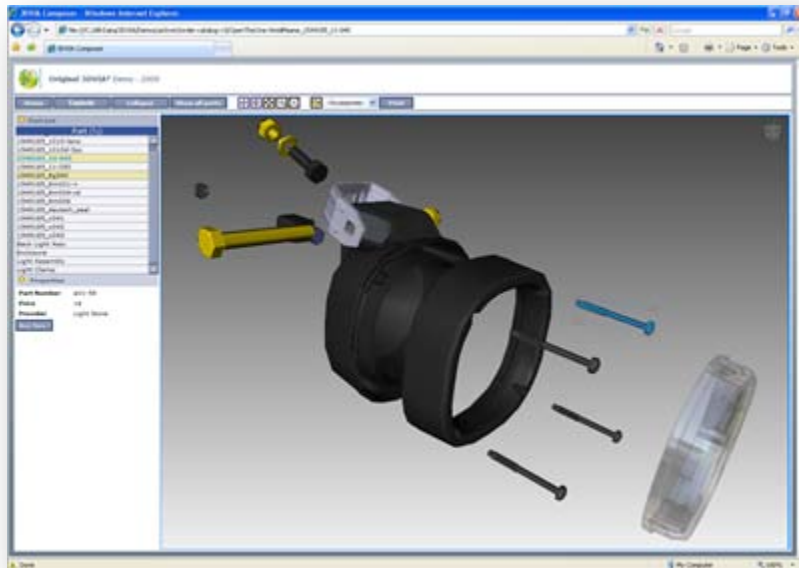


Figure 2: 3DVIA Composer Player Pro



3DVIA Composer OVERVIEW:

3DVIA Composer delivers Product Information “Everyware.”

3DVIA Composer revolutionizes the product documentation process for enterprises of all sizes. With its easy-to-use, desktop content-creation system, 3DVIA Composer quickly and easily automates creation of assembly and disassembly procedures, technical illustrations, interactive 3D animations, training materials, marketing materials, sales tools and more.

Based on a lightweight, open, XML-based architecture, 3DVIA Composer allows non-technical users to create associative 2D and 3D product deliverables directly from digital product data.

End users can seamlessly incorporate bills-of-material (BOM) data in their output deliverables. 3DVIA Composer support users in sales, marketing, customer service, training, support, and manufacturing.

Immediate productivity with long term value

3DVIA Composer is desktop-based in order to deliver immediate end-user productivity. An ideal complement to the content-creation tools end-users are already familiar with, such as Microsoft® Office® applications, HTML and PDF, 3DVIA Composer is easy to learn and use. For content consumers, 3DVIA Composer eliminates the need to learn a new desktop tool to access accurate and up-to-date deliverables. 3DVIA Composer ties desktop and enterprise systems together for both content consumers and content creators. Because it is an XML-based architecture, 3DVIA Composer can be easily integrated with any enterprise information system, including product lifecycle management (PLM) and enterprise resource planning (ERP) applications.

3DVIA Composer can be quickly and easily deployed on users’ desktops without the need for expensive back-end infrastructures. Or, 3DVIA Composer can be easily integrated with PLM and ERP systems and deployed to end users’ desktops.

3DVIA Composer is the only system that delivers immediate return on investment while simultaneously being a valuable long-term integration platform that ensures consistency and accuracy across documentation processes.

A complete system for maximum productivity

3DVIA Composer is a desktop application for revolutionizing the creation of product deliverables. 3DVIA Composer provides a single, easy to learn and use application designed for end users. 3DVIA Composer does not require CAD knowledge or training. Intelligent views permit complex product procedures to be effectively communicated



using a minimum of text. Views can be annotated and labeled in any way and format the user wishes. In addition, 3DVIA Composer permits the creation of styles which can be applied to any content to ensure visual consistency.

Animations including kinematics and reverse-kinematics, as well as high-resolution raster images including BMP, JPG, PNG, and TIF files, can be created easily. Producing 2D line art as SVG and CGM files is quick and easy with 3DVIA Composer's built-in technical illustration capabilities.

Product information stored in ENOVIA systems can be directly accessed using the power of ENOVIA 3DLive. 3DVIA Composer users can easily and visually navigate and filter the exact 3D product configuration stored in ENOVIA, and use it to create and update their 3DVIA Composer documentation projects.

3DVIA Composer allows users to control and manage access to their intellectual property in 3DVIA Composer-generated deliverables. With "Right Manager" settings, content creators can manage access control when playing content with 3DVIA Composer Player and can also use patented "Secure3D" technology to prevent copying or theft of the intellectual property.

Interactive content can also be directly published to 3DVIA.com where the users can experience the content on-line.



3DVIA Composer Player, a free utility, allows content creators to distribute 3DVIA Composer content to any end-user with the same high performance as 3DVIA Composer. Much more than a simple viewer, 3DVIA Composer Player offers content consumers a highly interactive experience with product deliverables.



Figure 3: 3DVIA Composer Player

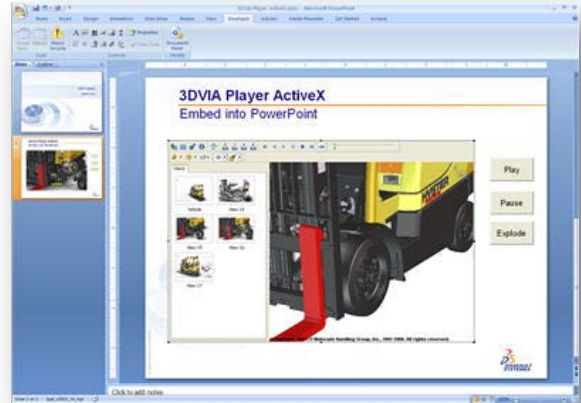


Figure 4: 3DVIA Composer Player ActiveX

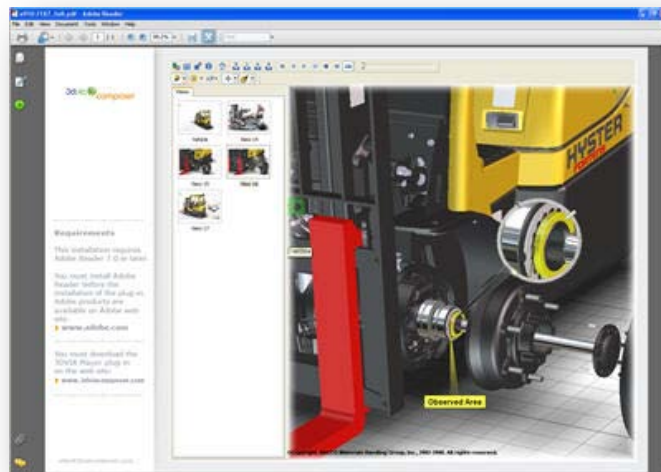


Figure 5: 3DVIA Composer Player Plug-in for Adobe Reader



3DVIA Composer Player Pro provides a very powerful Applications Programming Interface (API). 3DVIA Composer Player Pro offers the ability to query, manipulate, interact, and display -- in real time -- 3DVIA Composer content integrated with data originating from external sources. This enables the development of 3D interactive custom applications, creating lifelike experiences anywhere the 3DVIA Composer Player ActiveX can be used.

3DVIA Sync and **3DVIA Enterprise Sync** deliver sophisticated, XML-based associativity between 3DVIA Composer and any number of enterprise systems. With 3DVIA Sync, changes in metadata, geometry, BOMs, or manufacturing information can be updated on the desktop in 3DVIA Composer deliverables, guaranteeing accurate and consistent information. 3DVIA Enterprise Sync offers all of the capabilities of 3DVIA Sync plus the ability to control the processes through a command-line interface, allowing sophisticated integrations to be implemented very quickly.

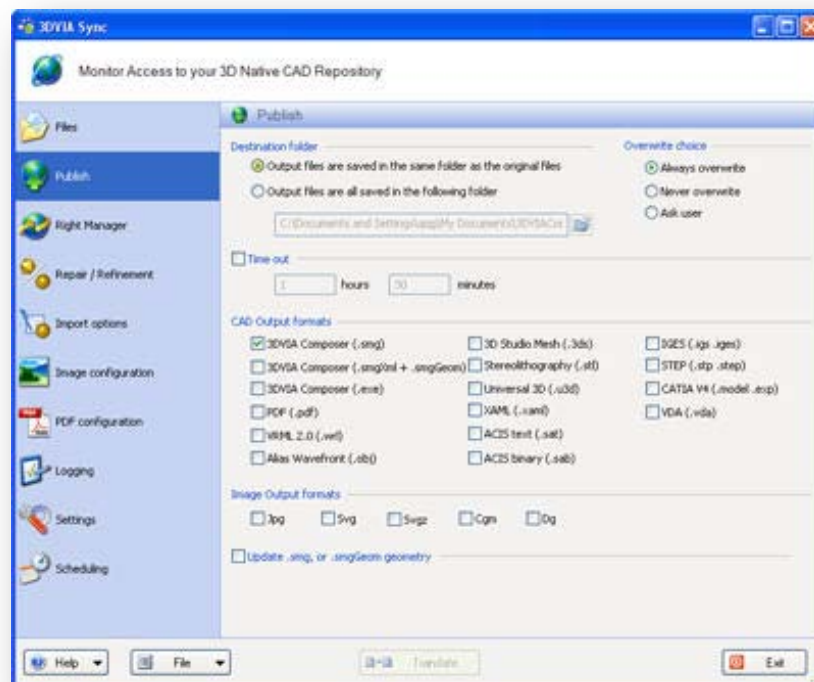


Figure 6: 3DVIA Sync

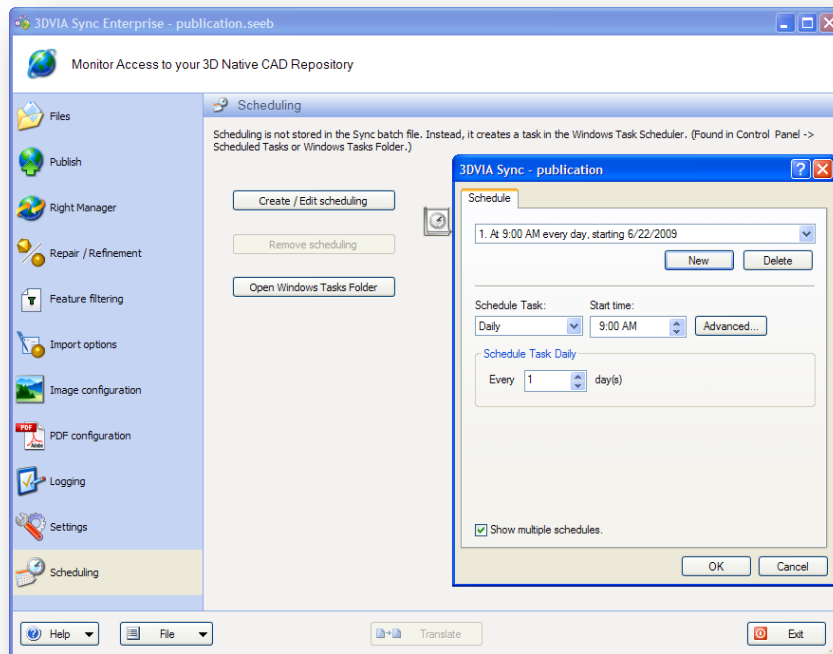


Figure 7: 3DVIA Enterprise Sync

3DVIA Check and **3DVIA Path Planning** make product deliverables more useful and instructive by validating that the procedures can actually be performed in the real world. 3DVIA Check offers dynamic and static clash detection, allowing users to quickly qualify service and assembly procedures. 3DVIA Path Planning delivers the ability to automatically create assembly and disassembly paths for parts and subassemblies to avoid collisions with the rest of the assembly. 3DVIA Path Planning allows content creators to plan and guarantee the ability to access components within the assembly to service or repair them.

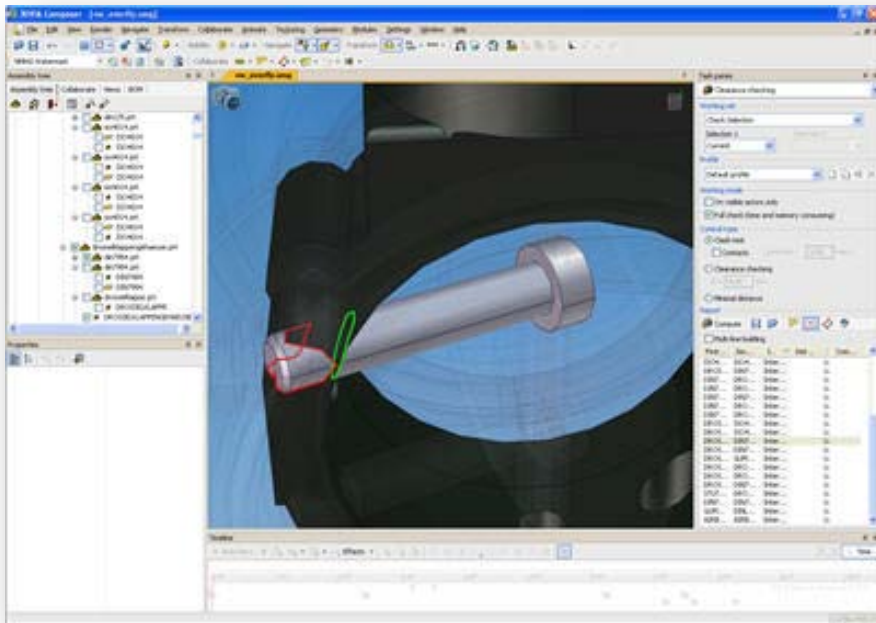


Figure 8: 3DIA Check

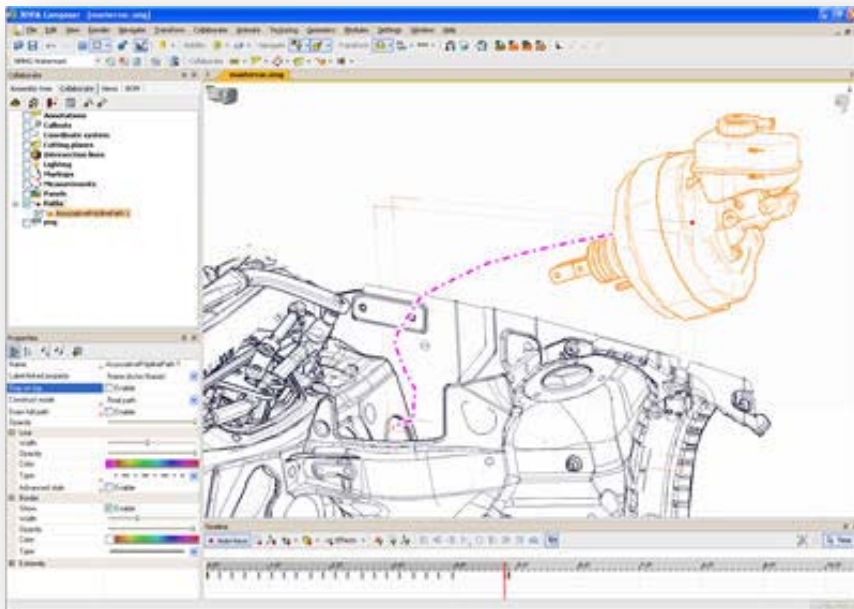


Figure 9: 3DIA Path Planning



3DVIA Composer [DOMAINS & V6R2010 ENHANCEMENTS](#)

With the V6R2010 release, 3DVIA Composer offers enhancements in several key areas:

- Global Collaborative Innovation
 - ENOVIA 3DLive Bridge: Non-traditional PLM business users can now easily leverage 3D content stored within ENOVIA. Using the power of ENOVIA 3DLive to visually search, navigate, and filter 3D product data, users can easily extract the desired content for use in their 3DVIA Composer projects. ENOVIA 3DLive Bridge makes it easier than ever to use the universal language of 3D to produce interactive documentation in 3DVIA Composer.

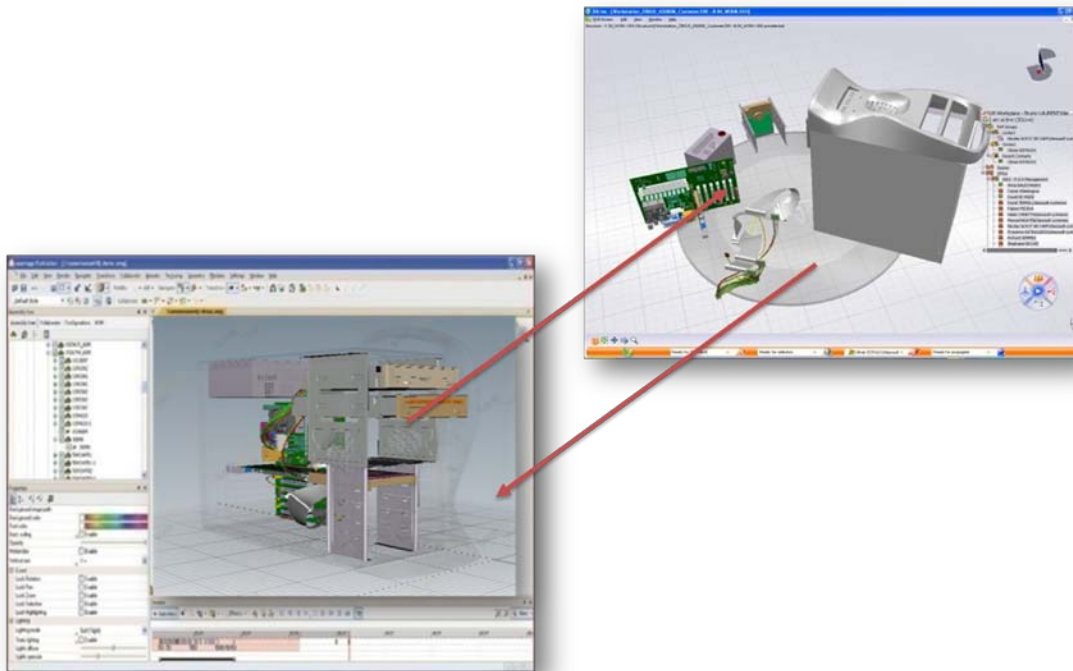


Figure 10: ENOVIA 3DLive Bridge



- 3DVIA Composer Player Pro: Engaging user experiences to interactive 3D documentation created with 3DVIA Composer can now be realized with 3DVIA Composer Player Pro. A complete set of advanced ActiveX API functions offer a way to develop and distribute robust and customized interactive 3D applications.

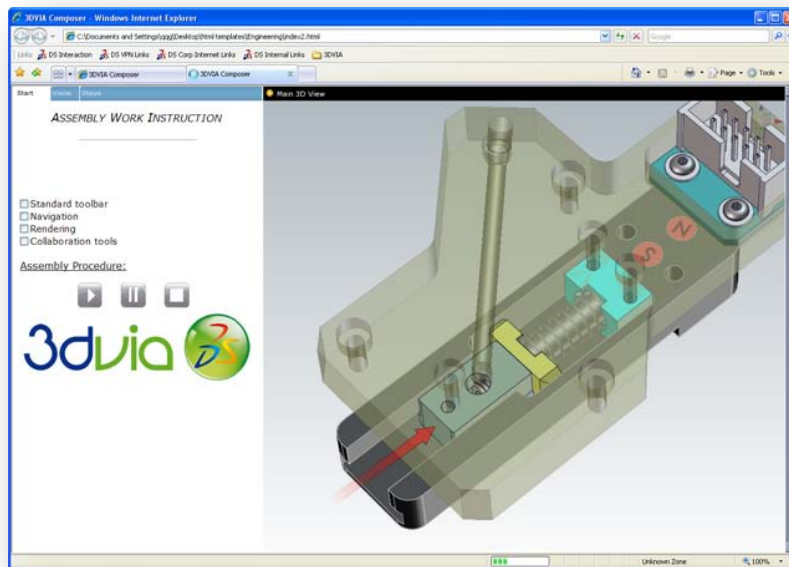


Figure 11: 3DVIA Composer Player Pro



- Online Creation and Collaboration
 - Publish 3DVIA Composer content directly to 3DVIA.com.
 - Experience 3DVIA Composer interactive documents on 3DVIA.com.

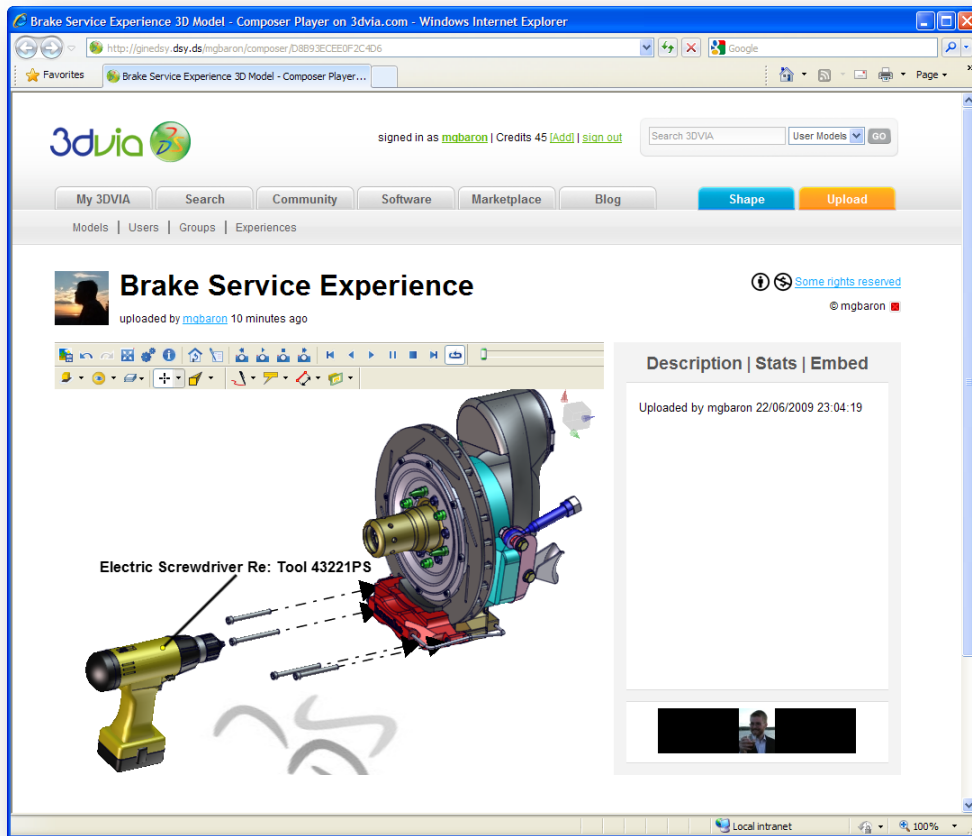


Figure 12: Online Creation and Collaboration on 3DVIA.com



- Lifelike Experience
 - Enhanced Technical Illustration Capabilities: 3DVIA Composer has made significant enhancements to the technical illustration module.
 - ShadowCaster technology automates the creation of contour lines and shadows that a technical illustrator would normally draw by hand.
 - New support for industry-standard S1000D and WebCGM formats provide best-in-class capabilities to further increase the value that 3DVIA Composer can bring to the traditional documentation process.

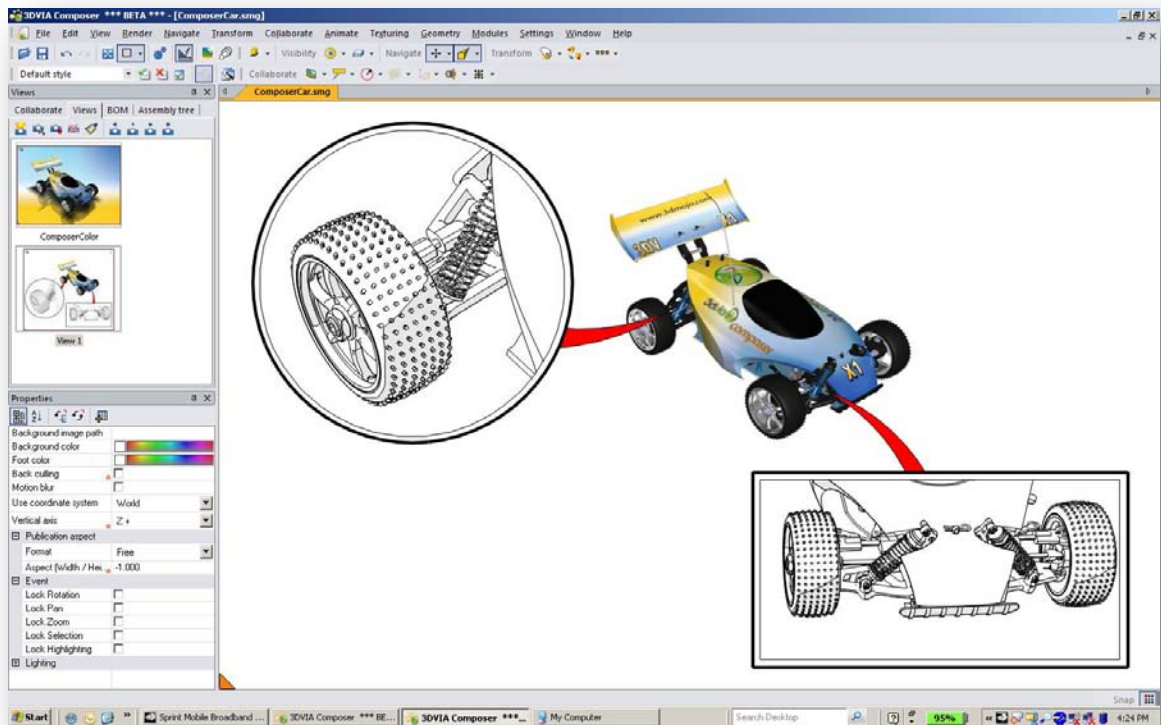


Figure 13: Detail Views and ShadowCaster Technology



- Lower cost of ownership
 - The openness of the 3DVIA Composer API allows the development of direct integrations to PDM and access to other external systems. Staying within a single environment provides superior ease of use and improved productivity for the 3DVIA Composer user.

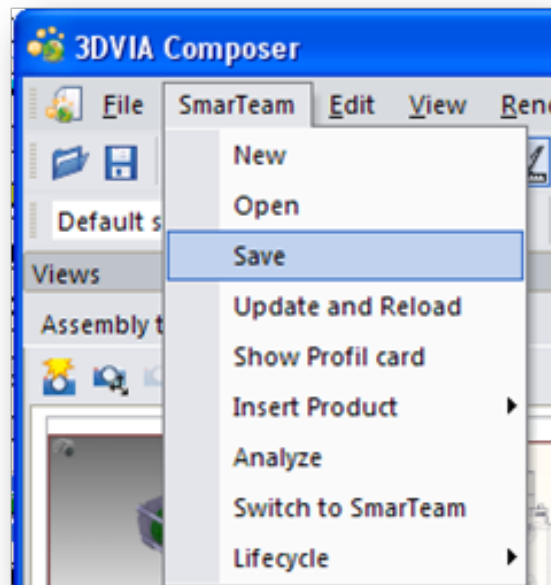


Figure 14: Lower Cost of Ownership – Custom Menu in 3DVIA Composer