

# Right Hemisphere Technical Documentation Solution

- Streamline publishing of technical documentation including operation and maintenance manuals, manufacturing process sheets, service bulletins, IETMs, and more
- Create more effective technical documentation
- Leverage existing CAD and technical publishing investments

## Introduction

The goal of technical documentation is to increase the effectiveness of the reader, whether that reader is a worker on your assembly line, your service technician in the field, or one of your customers who is trying to learn how to operate or maintain your product. For complex products, high impact 2D and 3D product graphics can be the key to effective technical documentation.

In a marketplace where product complexity is increasing, yet time to market is not, how does your technical publications organization develop more graphical, and therefore more effective, technical documentation, faster, with fewer resources?

Right Hemisphere's Technical Documentation Solution accelerates time to market, increases revenue via more compelling technical documentation, and reduces technical documentation costs.

Right Hemisphere's Technical Documentation Solution blends Right Hemisphere products, industry best practices, and consulting services so you can:

- ▶ Integrate leading CAD/PDM and technical publishing applications
- ▶ Automate graphics publishing processes for operation and maintenance manuals, manufacturing process sheets, service bulletins, IETMs and more
- ▶ Manage technical documentation related product graphics



Compelling technical documentation combines 2D and 3D graphics and text.

*"Right Hemisphere software tools provide us with the opportunity to fortify our visual pipeline. They are quickly becoming one of the key components of a new process we are developing which enables us to better support all downstream consumers with up-to-date Chrysler Group product geometry data."*

**John M. Borrowski, Manager - DaimlerChrysler Engineering Graphics, Standards, & Information Security.**

## Integrate leading CAD/PDM and publishing applications to accelerate time to market

Authoring and publishing technical documentation is on the critical path of any new product introduction. Your supply chain needs manufacturing instructions before they can build anything. Your services organizations need service manuals before they can install or repair anything. And your customers need operation manuals before they can use anything. That's a lot of documentation. So the longer you wait to start, the longer it takes to get your new product to market.

Right Hemisphere Technical Documentation Solution lets you develop your technical documentation concurrently as you design your products. You can quickly transform the CAD models your engineers are using to design your products into the high impact 2D and 3D graphics required in your technical documentation. And Right Hemisphere integrates with your technical publishing applications so you can leverage existing technical publishing applications, content, and skills.

Key capabilities include:

- ▶ Leverage existing CAD models to quickly create realistic 2D and 3D product graphics
- ▶ Integrate product graphics with DCC applications to author interactive IETMs
- ▶ Integrate product graphics and text for manufacturing process sheets and service bulletins
- ▶ Integrate product graphics into dynamic publishing applications to deploy rich operation and maintenance manuals via electronic documents, print, web, email, and other multimedia

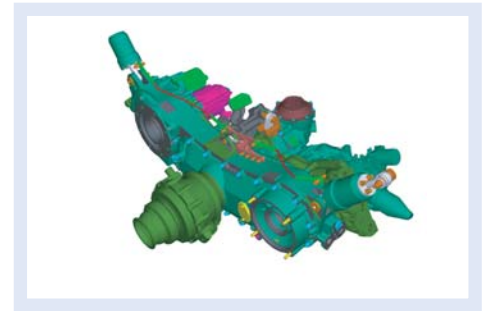
## Automate graphics publishing processes to create more effective product support offerings

They say a picture is worth 1000 words when it comes to effective communication. Product graphics in the form of high quality line art, shaded illustrations with advanced lighting and textures, exploded assemblies, and interactive 3D animations are the key to effective technical documentation. But the manual graphics authoring processes your illustrators use today limit the quantity and quality of graphics they can produce.

Right Hemisphere's Technical Documentation Solution helps you automatically author more product graphics, faster for highly effective operation and maintenance manuals, manufacturing process sheets, service bulletins, and IETMs. For example, you can automatically generate high volumes of standard illustrations, freeing your illustrators to work on more specialized graphics. For constantly changing products, you can automatically update the graphics as changes occur.

Key capabilities include:

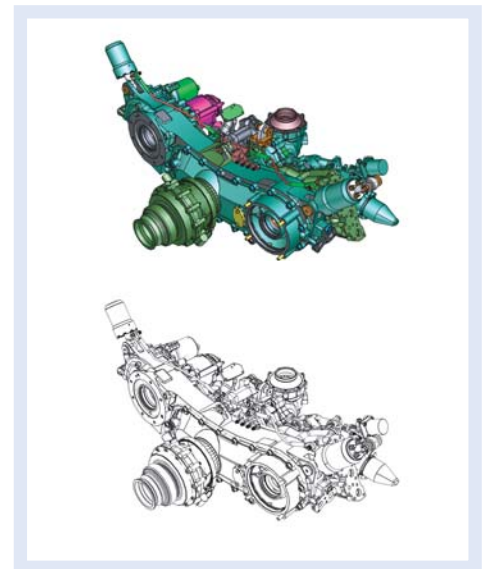
- ▶ Create high quality line art and shaded illustrations
- ▶ Light, texture and explode parts and assemblies
- ▶ Easily author 3D animation and interactivity



*Original CAD Data*



*Photorealistic rendering styles*



*Non-photorealistic illustration styles, for enhanced visual clarity*

## Manage technical documentation related product graphics to reduce your documentation costs

With globalization, technical documentation is becoming ever more graphical in order to save translation costs. However, where is the savings if you cannot manage your graphics costs?

Right Hemisphere's Technical Documentation Solution helps you cost effectively manage your technical documentation related graphics. By providing a unified repository for all your product graphics, you no longer waste money creating a new graphic when one already exists. And if the right graphic doesn't exist, your illustrators or even your subject matter experts, can quickly and easily generate one that meets your need, for example, "exploded assembly" for assembly instructions and "shaded illustration" for service bulletins.

Key capabilities include:

- ▶ Provide product graphics on demand in appropriate formats and quality levels
- ▶ Dynamically update graphics as CAD models change
- ▶ Control S1000 compliance

### Cost Saving Opportunities

- ▶ Reuse existing CAD models within Technical Documents
- ▶ Automate manual technical illustrations and photography
- ▶ Replace text with graphics to reduce cost of translation
- ▶ Update graphics automatically to reduce cost of change

## Right Hemisphere

Right Hemisphere® is the leading provider of Product Graphics Management software. Product Graphics Management is a new category of enterprise software that integrates, automates, and manages 2D and 3D product graphics across the extended enterprise. Five of the top six automotive OEMs, nine of the top ten aerospace and defense contractors, and hundreds more customers use Right Hemisphere software to streamline publishing of technical publications, interactive training, marketing communications, engineering collaboration documents, and more. Right Hemisphere accelerates time to market for new products and product support offerings, increases revenue and competitive advantage, and reduces product lifecycle costs.

Learn more about Right Hemisphere at [www.righthemisphere.com](http://www.righthemisphere.com)



*Using Right Hemisphere, you can easily generate and publish 3D graphics directly into Adobe Acrobat PDF to create clear maintenance and repair instructions in IETM form. Example is courtesy of EDS.*



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