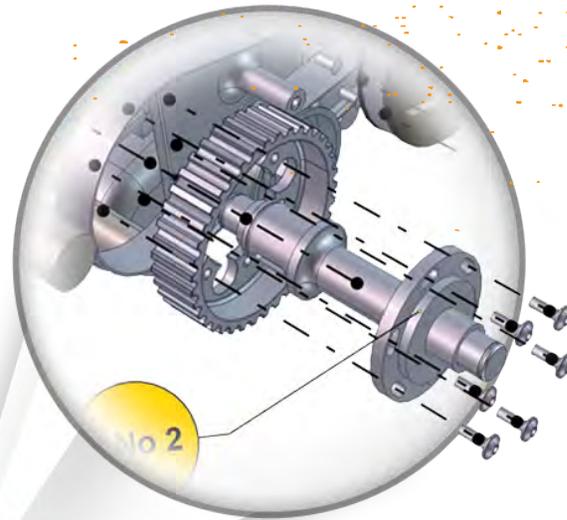


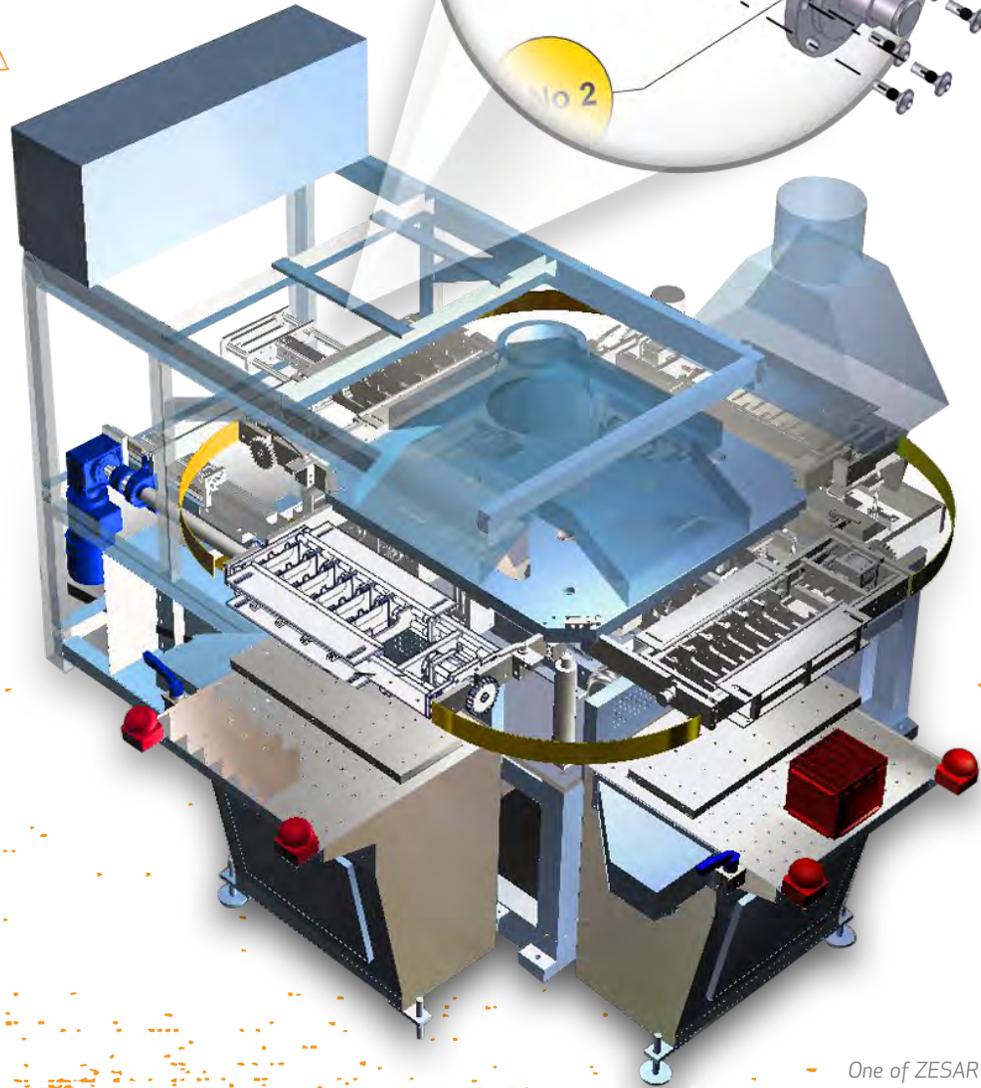
*"Showing animations of how
a machine will operate gives us the
flexibility to demonstrate
our technology anywhere."*



PART CATALOG ARTWORK
CREATED BY CUSTOMER
SERVICE ASSOCIATE



USED VIDEO
ANIMATIONS TO
DEMONSTRATE
DESIGNS



REDUCED TIME-TO-
MARKET BY 66%

One of ZESAR Technology's latest concepts, rendered in 3DVIA Composer™.
See how 3DVIA Composer helped them streamline another project on page 6.

3DVIA COMPOSER MAKES IT EASY TO COMMUNICATE YOUR DESIGNS TO ANY AUDIENCE

3DVIA Composer™ enables engineers and non-engineers to create technical communications by repurposing 3D data. Whether you need to create high-quality raster images, vector line art, or interactive product animations, the resulting materials will be as stunning as your designs.

3DVIA Composer allows you to spend more time on design and less time on administrative tasks. Now marketing professionals, process engineers, and even after-sales services staff can create documentation on their own—and at far lower costs. 3DVIA Composer lets you:

- ▶ Create accurate and up-to-date assembly instructions
 - ▶ Quickly produce high-quality user manuals and product documentation
 - ▶ Develop more vibrant, exciting marketing materials—including interactive videos
 - ▶ Publish better maintenance and training manuals that reduce warranty costs
 - ▶ Simplify documentation processes to keep pace with product changes and updates
-

This is the story of what 3DVIA Composer can do for you, as told through the eyes of three SolidWorks® customers.



Brayton Energy Canada



Cardiovascular Systems Inc.



ZESAR Technology for Batteries

BRAYTON ENERGY CANADA

Environmentally responsible energy producer

*"SolidWorks tools enable us to
develop concepts from
creation through documentation
as quickly as possible."*

3DVIA COMPOSER HELPS SHORTEN TIME-TO-MARKET

Brayton Energy Canada is an innovator in renewable energy applications for hybrid engines, portable generators, and power plants. Their gas turbine-propelled technology is the same one found in jet engine aircraft.

To stay competitive, the company wanted a product documentation application as efficient as their products. So Brayton Energy chose 3DVIA Composer™. “Because our development process is very fluid, with many design changes, we need a documentation approach that won’t slow us down,” explained Brayton Energy President Antoine Corbeil.

3DVIA Composer now allows the company to start the documentation process as products are being designed—and keep it up to date

over time. “If we make changes, we don’t have to do all the work again. We simply update the documentation with the revised model,” Corbeil points out.

3DVIA Composer has cut the time it takes Brayton Energy to document their designs by 25%–50%. As Corbeil concludes, “It’s a highly visual way to document and demonstrate the concepts before investing in actual production.”

- ▶ Shortened design cycles
- ▶ Developed innovations in gas turbine technology
- ▶ Cut documentation development time by 25%–50%

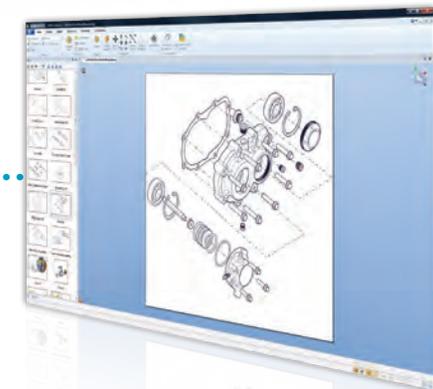


CUT DOCUMENTATION
TIME IN HALF

▶ KEY BENEFIT

EASILY CREATE DOCUMENTATION FOR MANUFACTURING AND TRAINING WHILE KEEPING PACE WITH FREQUENT CHANGES

Producing documentation has always been a time-consuming process for engineers—even before you factor in the inevitable changes and revisions. Thanks to the speed and ease of 3DVIA Composer, your entire team will be able to leverage 3D CAD data to create up-to-date documentation. That means everyone from manufacturing to customer service will be able to make their own artwork for: technical communications, assembly instructions, customer service procedures, parts catalogs, training manuals, and marketing materials.



CARDIOVASCULAR SYSTEMS INC.

Advanced vascular technology

*"The animations we create with
3DVIA Composer help us
streamline processes
and save time."*

3DVIA COMPOSER LETS YOU COMMUNICATE WITH DOWNSTREAM USERS LIKE NEVER BEFORE

More than 17 million people suffer from vascular disease. To help surgeons treat the condition, Cardiovascular Systems Inc. (CSI) created a disposable, diamond-coated, catheter-based device using SolidWorks® software. But to bring this revolutionary product to market, CSI needed an equally innovative way to communicate their designs.

Adding 3DVIA Composer™ allowed the company to effectively present the Diamondback 360® PAD System to government officials, hospitals, and doctors. “We use 3DVIA Composer to create interactive animations of new designs that show consulting physicians how the product will inject, travel, and work,” explains Christopher Narveson, Design and Engineering Services manager.

Recently cleared by the Food and Drug Administration (FDA), the Diamondback 360 PAD System will begin clinical trials this year. “Producing a viable commercial product demanded 3D,” Narveson adds, “and 3DVIA Composer helps us use 3D in innovative ways.”

The company is also leveraging 3DVIA Composer in other ways. Narveson explains that they are replacing paper-assembly instructions with interactive animations—reducing manufacturing costs and accelerating development cycles in the process.

- ▶ Reduced development time by 25%
- ▶ Cut manufacturing costs by 20%
- ▶ Introduced effective treatment for removing arterial plaque
- ▶ Improved health and lifestyles of vascular disease patients



ELIMINATED PROCESS SHEETS FROM CLEAN ROOM

▶ KEY BENEFIT

NOW ANYONE CAN CREATE ARTWORK AND INTERACTIVE ANIMATIONS DIRECTLY FROM 3D CAD DATA

Historically, documentation has been disconnected, complex, and time-consuming—not to mention an unwelcome burden if you're an engineer. With 3DVIA Composer, anyone can leverage and repurpose 3D CAD data. Whether they need photorealistic renderings, exploded model views, or presentation-ready materials, 3DVIA Composer streamlines the entire process. In fact, research suggests that 3DVIA Composer helps cut the time it takes to produce images by 75%.



ZESAR TECHNOLOGY FOR BATTERIES

Automated battery production machines

*"Without this animation,
it would have been very hard for us
to win this 700,000€ contract."*

3DVIA COMPOSER LETS YOU MARKET PRODUCTS MORE EFFECTIVELY

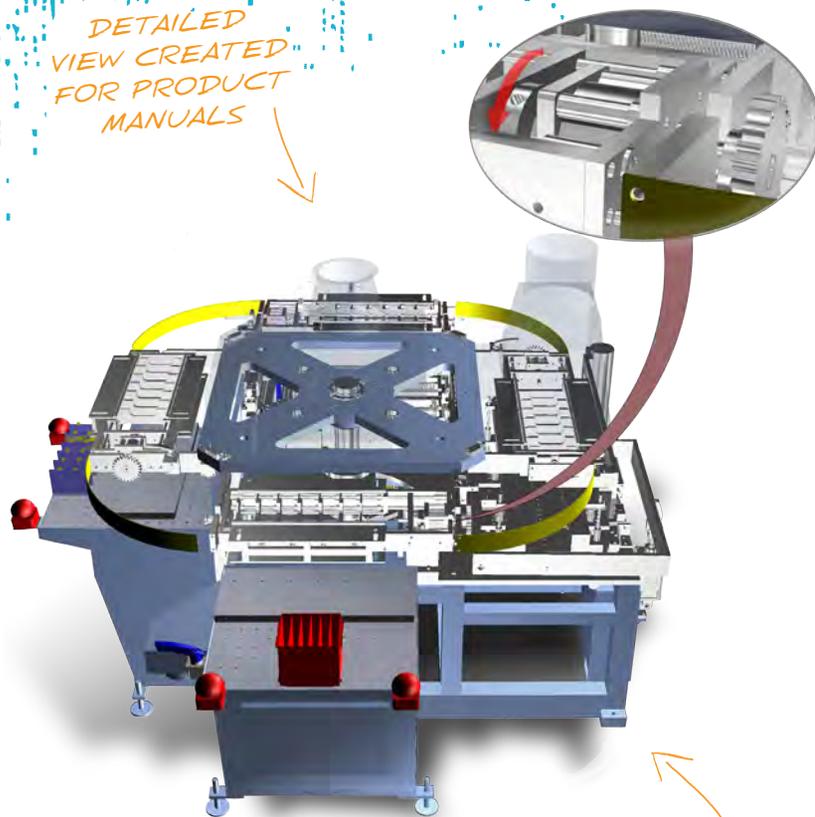
ZESAR Technology for Batteries develops custom machinery that automates battery production for the automotive and marine industries. Thanks to its strong technology, the company has loyal customers. But to attract new ones, ZESAR often needs to build prototypes on spec—a costly practice that makes competing with larger rivals difficult.

By implementing 3DVIA Composer™, ZESAR was able to animate design concepts instead of investing in physical prototypes. “Showing how a custom machine will operate, rather than having to actually build it, is more cost-effective,” recalls Yavuz Sariçam, foreign trade manager.

Now that their sales materials match the quality of their product designs, the company has been able to pursue larger pieces of business. ZESAR recently used 3DVIA Composer animations to help win a contract with one of the largest battery production facilities in the Middle East.

The software allowed them to illustrate how their designs would work and demonstrated the benefits of their unique technology. “Without 3DVIA Composer and this animation,” stresses Sariçam, “it would have been very hard for us to win this 700,000€ contract.”

- ▶ Reduced time-to-market by 66%
- ▶ Cut design time by 70%
- ▶ Decreased development costs by 60%
- ▶ Used animations to win a 700,000€ contract



DETAILED VIEW CREATED FOR PRODUCT MANUALS

USED ANIMATIONS INSTEAD OF PROTOTYPES TO PITCH TO CLIENTS

▶ KEY BENEFIT

YOUR MARKETING MATERIALS CAN FINALLY LOOK AS GOOD AS YOUR PRODUCT DESIGN

3DVIA Composer makes it possible to promote your products with rich full-color graphics and interactive 3D animations created directly from 3D CAD data. You'll now be able to create dynamic artwork for a range of materials. Plus, with interactive animations, you can give your customers the opportunity to virtually experience your products before they buy—a highly effective way to help close a sale. 3DVIA Composer does it all without raising costs or adding more time to your development process.





TAKE YOUR
COMMUNICATION MATERIALS
TO A WHOLE NEW LEVEL

You've seen 3DVIA Composer™ help companies dynamically communicate their designs to any audience—leading to increased efficiency, stronger sales results, and faster time-to-market. Now find out what it can do for you. Talk to your local SolidWorks® Value-Added Reseller or visit www.solidworks.com to learn more.

PRODUCT FEATURES

	3DVIA COMPOSER	3DVIA ENTERPRISE SYNC	3DVIA COMPOSER PLAYER
Import SolidWorks, CATIA®, Pro/Engineer® (read only)	●		
Update content with latest design changes (geometry, BOM tree, metadata)	●		
Create step-by-step procedures showing incremental components	●		
Capture exploded views with automated trail lines	●		
Add annotations (auto-balloons, BOM table, arrows, detail views, and more)	●		
Change appearances (hide/show, transparency, colors)	●		
Create manufacturing BOM independent of engineering BOM	●		
Customize parts lists and properties for each view	●		
Create keyframe animation by drag-drop views on timeline	●		
Create interactive storyboards by adding links to relevant views	●		
Animate appearances and custom properties	●		
Interactive animation with markers	●		
Filter timeline keys for finer control	●		
Update animation with latest design changes	●		
Static images (raster graphics and vector line art)	●		
Dynamic AVI videos (multiple codecs supported)	●		
Interactive 3D documents (as lightweight executable)	●		
Interactive 3D PDFs and web pages	●		
Protect intellectual property (secure 3D brush, rights manager)	●		
Standardize styles for creating content (balloons, labels, annotations)	●		
Standardize profiles for publishing content (raster, vector, video, views, BOM)	●		
Standardize default document settings (import, output qualities, security rights)	●		
Publish consistent quality with paperspace (WYSIWYG - What you see is what you get)	●		
Automate content creation by using custom API programs	●		
Automate batch mode import of 3D files and publishing content		●	
Automate document creation within existing workflow systems		●	
Automate document translation by using custom XML program		●	
Rotate, zoom, animate, measure, view BOM, section (rights controlled by author)			●
View step-by-step interactive instructions with no additional UI			●
Create custom applications to distribute internally or over website			●

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LET'S GO
DESIGN

