

Contact: Jim Watson
Creative Dezin Concepts Inc
Ph: 704-660-5100

info@gocreative.net

DezinWorks brings Intelligent Reverse Engineering capabilities to SolidWorks 2017

Integrated software allows users to perform feature based reverse engineering functions with new added functionality to capture data directly inside the SolidWorks environment.

Mooreville, NC (PRWEB) April 2017 -- Creative Dezin Concepts Inc today announced that DezinWorks, a feature based reverse engineering software product, supports SolidWorks 2017 3D mechanical design software. Engineers and designers use DezinWorks and SolidWorks to capture data from existing parts directly within the SolidWorks environment maintaining the associativity so they can design better products faster and more accurately, speeding time to market.

A SolidWorks Certified Gold Product, DezinWorks enables users to perform reverse engineering functions directly inside the SolidWorks interface and create feature based models utilizing digitizer devices such as Faro, Romer and MicroScribe.. DezinWorks in conjunction with SolidWorks 2017 expands on the software's legacy of ease of use, design power, and affordability by also providing users with comprehensive drawing tools and new productivity features that will speed the adoption of 3D design around the world. DezinWorks gives engineers the functionality to capture data from their existing part and create an intelligent feature based model, allowing the engineer to make changes rapidly while preserving the associativity to the part. DezinWorks can be used in a part or an assembly.

DezinWorks again is bringing the latest innovative features to reverse engineering inside of SolidWorks with their DezinWorks release for SolidWorks 2017. Building on years of feature based reverse engineering experience; the latest release of DezinWorks now has the ability to create alignments to any work plan inside of SolidWorks so your orientation, position in 3D space and position for 2D drawing creation is just like SolidWorks. Also in DezinWorks existing functionality was enhanced, lock plane and lock surface functions that allow you to scan a part with a probe similar to the way you would with a laser, now have added functionality and improved performance. Storing the movement when you scan so that you only have to probe once and use as many times as you need to is now enhanced with load last scan and the ability to merge scans. New for DezinWorks, you can now create points at the center of a sphere, edge or circle; you can also save out any set of points as a text file to be loaded in for SolidWorks to create a curve through them. These are just a few of the many enhancements to DezinWorks in the latest release.

"Engineers shouldn't have to move between 2-3 different applications to finish a product design," said Jim Watson, CEO of Creative Dezin Concepts and creators of DezinWorks. "Integrating DezinWorks with SolidWorks means engineers can begin reverse engineering their existing parts directly within the SolidWorks environment. That saves time and helps manufacturers meet tight production deadlines."

In conjunction with the release of DezinWorks, Creative Dezin Concepts has launched a new Youtube channel highlighting the functionality of the latest release of the software. Hear you can find the latest features, demonstrations and tips and tricks for the use and application of the software. You tube Channel (<http://www.youtube.com/user/CreativeDezinConcept>) Sales Manager for Creative Dezin Concepts commented, "With the addition of our Youtube channel along with our existing support staff and technical newsletters, we believe we are bringing not only the best product to the market for reverse engineering inside of SolidWorks but also the best customer experience and ongoing value to the market."

Combining SolidWorks with DeZignWorks gives engineers the tools they need to do their jobs faster and better by performing reverse engineering functions inside SolidWorks, creating intelligent data that conforms to SolidWorks and allows engineers to make changes to the data. Complex shapes can be captured quickly and accurately. DeZignWorks is the only product of its kind that has the ability to randomly move the digitizer across the surface of the part and store the movement of the digitizer device for immediate use or at a later determined time. New or existing data can be added and simply reloaded into the database. Because of its depth of integration to the SolidWorks interface engineers are productive in a few hours.

The SolidWorks Partner Program features products and services that complement SolidWorks products. Certified Gold Products are fully integrated with SolidWorks and provide users with instant access to the partner application within the SolidWorks window. Solution Partner products offer a variety of integration methods with SolidWorks software, including the SolidWorks application programming interface (API) and established industry standard file formats. SolidWorks has more partners in the mid-range CAD market than any competing technologies, with more than 600 companies worldwide participating in the SolidWorks Partner Program.

A recent study estimated that 80% of new designs came from existing designs, usually an existing part. Utilizing DeZignWorks a feature based product instead of a point cloud product gives the engineer the ability to capture the exact shape, even complex surfaces, directly inside the SolidWorks interface and then make changes rapidly to meet the needs of the new products and improve the design for the ever changing market needs. DeZignWorks offers best-fit capabilities for lines, arcs, circles and splines. DeZignWorks offers several utilities for curve editing such as maintaining minimum distance while capturing complex curves as well as spline uniformity tool.

About Creative DeZign Concepts Inc

Creative DeZign Concepts Inc develops and markets software for reverse engineering. It is the leading supplier of 3D CAD / CAM Products for the NASCAR Race Teams. Creative DeZign Concepts Inc is also a certified VAR (value added reseller) for Cad/Cam software such as SolidWorks, and DeZignWorks. Being a certified manufacturing partner for SolidWorks offering reverse engineering services enables Creative DeZign Concepts Inc to use DeZignWorks on a daily basis, constantly testing and implementing industry first technology. Located in Mooresville, NC (Race City USA) home of over 95% of the NASCAR Race Teams. Creative DeZign Concepts works with the NASCAR race teams on a daily basis to improve their performance. For the latest news, information, or a Webex demonstration, visit the company's web site Reverse Engineering (www.DeZignWorks.net) or for other Cad / Cam products visit (www.gocreative.net) or call 1-704-660-5100

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About SolidWorks Corporation

SolidWorks Corporation, a Dassault Systemes S.A. (Nasdaq: DASTY, Euronext Paris: #13065, DSY.PA) company, develops and markets software for mechanical design, analysis, and product data management. It is the leading supplier of 3D mechanical design software for the mainstream market. SolidWorks leads the market in number of users in production, customer satisfaction, and revenue. For the latest news, information, or a live online demonstration, visit the company's Web site (www.SolidWorks.com) or call 1-800-693-9000 (outside of North America, call +1-978-371-5000).

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