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70%

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- Reduce Rework & Waste
- Ensure Compliance
- Control Part Preferencing



PROFIT

"Look for information across many different sources and different interfaces? That was way back when. Now that all necessary information is available for every user at a glance in one system, the effort required for the information search is reduced by 40% thanks to PARTSolutions."



Bernd Postaremczak
Coordinator Parts Management

A BETTER WAY TO FIND, REUSE, CONTROL & PURCHASE STANDARD PARTS

PARTSolutions strategic parts management system enables companies to streamline engineering and purchasing processes by providing a single authoritative source of standard, supplier and company standard parts. PARTSolutions delivers substantial time and costs savings and ROI for Fortune 500 manufacturers.

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JUNE/JULY 2014

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Authorized 3D CAD Models of Critical National Aerospace Standards

by:

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Innovative tool enables engineers to quickly configure and download 3D native CAD models of NAS and NASM fastener components.

CADENAS PARTSolutions, a leading provider of 3D product catalogs and digital parts management solutions for manufacturers, announces exclusive partnerships to offer authorized 3D CAD models of components based on critical **National Aerospace Standards (NAS)**. The partnerships, which took effect in January 2014, provide a valuable new tool for engineers across the aerospace and defense industry to accelerate innovation, shorten design cycles and reduce costs.

CADENAS PARTSolutions has partnered with **IHS**, Englewood, CO, USA, the leading global source for information and analytics, and the **Aerospace Industries Association (AIA)**, located in Arlington, VA, USA, the premier trade association representing the nation's major aerospace and defense manufacturers, to offer configurable 3D models of NAS and NASM mechanical parts standards.

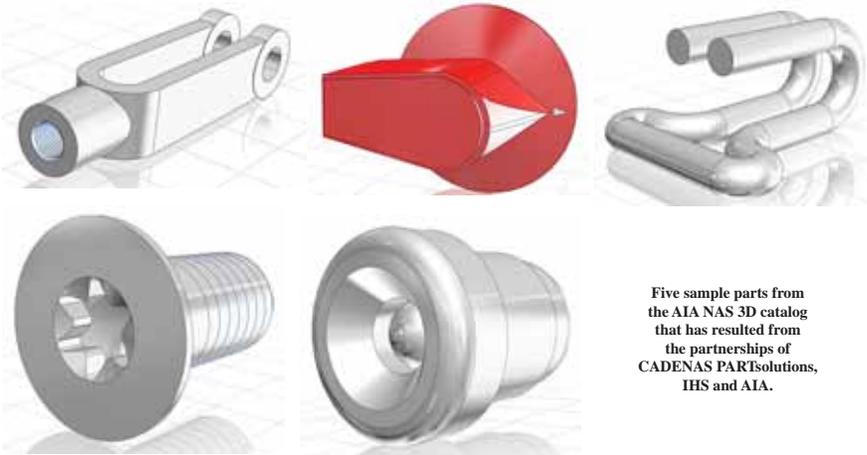
Under the partnerships, the advanced PARTSolutions eCATALOGSolutions™ tools have been integrated with IHS Standards Expert® and IHS Standards Expert® with Goldfire®, the market-leading engineering knowledge management solutions from IHS.

Engineers are now able to quickly locate the appropriate NAS and NASM standard and then use the integrated PARTSolutions configuration tool to define, visualize and refine the required part before generating a 3D model. The model can be saved into more than 150 native and neutral CAD and graphic formats, versions and revisions, and then inserted into a computer design to be tested for form, fit and function as well as included in a bill of materials within the CAD software.

Benefits to the Aerospace Industry

The key benefits of the solution resulting from the partnership of CADENAS PARTSolutions, IHS and AIA include the following:

- Reduced modeling and design cycle times.
- Improved engineering productivity.
- Elimination of duplicated effort and rework.
- Assurance of quality through the use of authorized CAD models.
- Increased consistency in parts used on projects.
- Greater accuracy in bills of materials.



Five sample parts from the AIA NAS 3D catalog that has resulted from the partnerships of CADENAS PARTSolutions, IHS and AIA.

Screen shot from the PARTSolutions interface.



"AIA has a long and proud history serving the needs of the aerospace and defense industry through our National Aerospace Standards program," commented AIA President and CEO, **Marion C. Blakey**. "The AIA NAS 3D catalog allows us to provide solutions that will help the industry design and manufacture products faster and at a lower cost."

"CADENAS PARTSolutions is thrilled to partner with industry leaders IHS and AIA to deliver a revolutionary new product to the aerospace and defense industry," said **Rob Zesch**, President and COO at CADENAS PARTSolutions. "The NAS 3D catalog is the first aerospace standard in the history of aviation to be 3D-enabled by its owner, and we are honored to have our technology chosen for this endeavor."

"Customers look to IHS as a trusted source for all their engineering and technical reference information including critical industry standards," explained **Chad Hawkinson**, Vice President, Product Design Solutions at IHS. "The AIA NAS 3D solution will allow engineers to more easily and accurately implement the standards' requirements and complete their projects, reducing design times while improving quality and generating savings for our customers."

The AIA NAS 3D standards capabilities are now available as a catalog within the PARTSolutions parts management solutions, with available integrations to all major CAD, PLM and ERP applications. The NAS 3D Catalog is also currently available in IHS Standards Expert and IHS Standards Expert with Goldfire.

To learn more about the innovative tool that enables engineers to quickly configure and download 3D native CAD models of NAS and NASM fastener components, resulting from the partnership of CADENAS PARTSolutions, IHS and AIA, visit the websites below.

www.partsolutions.com
www.ihs.com
www.aia-aerospace.org

Company Profiles:

CADENAS PARTSolutions is a leading provider of next-generation 3D part catalog management and sales configuration solutions. For large manufacturers and OEMs, CADENAS PARTSolutions provides centralized 3D standard part catalogs making it easy for global design teams to find, reuse and control standard and proprietary parts. For component manufacturers, CADENAS PARTSolutions provides 3D product catalogs with CAD download technology to increase sales lead generation and to ensure that components get "designed in" to OEM products.
www.partsolutions.com

IHS is the leading source of information, insight and analytics in critical areas that shape today's business landscape. Businesses and governments in more than 165 countries around the globe rely on the comprehensive content, expert independent analysis and flexible delivery methods of IHS to make high-impact decisions and develop strategies with speed and confidence. IHS has been in business since 1959 and became a publicly traded company on the New York Stock Exchange in 2005. IHS is committed to sustainable, profitable growth and employs some 8000 people in 31 countries.
www.ihs.com

The **Aerospace Industries Association (AIA)** is the premier trade association representing the nation's major aerospace and defense manufacturers. Today, more than 300 major aerospace and defense companies and their suppliers are members of the AIA, embodying every high-technology manufacturing segment of the USA aerospace and defense industry from commercial aviation and avionics, to manned and unmanned defense systems, to space technologies and satellite communications. The AIA concentrates on issues covering civil aviation, space, national security, international and procurement and finance.
www.aia-aerospace.org

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