

Autumn 2008

It's here ...

As Advanced Solutions expands into new territories, we like to provide our clients with information about Advanced Solutions, Inc., Autodesk, and "CAD community" events.

This is your link to all the upcoming and current promotions, events, and training classes. We will also feature a section where Advanced Solution's professionally trained technical engineers help you with your everyday software needs by providing tips and tricks. All this and much more are now accessible to you with just a click.

Promotions

Autodesk Legacy Promo Offer

There are many advantages to moving to the new AutoCAD 2009 software, or any of the other new Autodesk manufacturing design solutions, such as keeping your work compatible with your clients and vendors or improving your productivity with new tools. However, the best reason is probably the savings - 35% off with Autodesk Subscription when you act before October 17, 2008.

No matter what your challenge - from facilitating innovation and accelerating new product launches to optimizing global supply chain collaboration - you can get the latest Autodesk software at a significant discount. Contact us and we'll show you all the new ways Autodesk can help you maintain your competitive edge and increase your productivity.

Autodesk Retirement on 2006 Products

AutoCAD 2006 and other Autodesk 2006 software will be retiring on March 13, 2009. To help you make the transition to the 2009 releases, save 15% until October 17, 2008. This discount applies only when you upgrade with Autodesk Subscription.

When you move to a 2009 software solution, you'll be able to take advantage of innovative tools, including enhanced 3D design visualization and rendering, advanced customization and network licensing.

Upgrade to the latest Autodesk 2009 manufacturing design software and create, optimize, and validate your ideas before building anything. The sooner you act, the more you save - simply upgrade with Autodesk Subscription. ([Learn More](#))

Use the Efficiency Stimulus Package to Explore the Following Possibilities

The Efficiency Stimulus Package is designed to help you invest in reducing costs and improving competitiveness, so that your business operations are ready for the coming economic upturn. Leading companies leverage economic downturns to improve efficiency in all parts of the organization.

It's both healthy and strategic to invest in initiatives that shed inefficiencies, not only to endure the current economic environment, but also to ensure your team has the capacity and best in class capability to capitalize when economic conditions improve. Take Action Now!

- Is your team effectively utilizing the latest 2D or 3D design software?
- Is your organization utilizing digital prototyping to streamline design workflow while delivering work product faster and with a higher client value proposition?
- Is your team's productivity "best in class"?

Advanced Solutions is a recognized leader in 2D and 3D design software solutions and can help your organization realize the possibilities of a best in class design operation.

Advanced Solutions Stimulus Package Includes:

- Up to \$400 Rebate on new seats!
- Up to \$200 off Scheduled 3 & 4 day training classes on crossgrades and new seats!
- 0% Financing Available!
- Free Telephone and Email Support for 1 year!
- Access your printable stimulus package at www.advsolinc.com/efficiency_stimulus.aspx.

Buy Autodesk Inventor Software and Save Big on a Dell Workstation!

For a limited time, when you purchase Autodesk Inventor software, you qualify to save up to \$1,119 on a Dell Precision Workstation featuring the Quad Core Intel® Xeon® Processor. The Quad-Core Intel® Xeon® processor delivers new levels of multi-tasking performance.

Dell and Autodesk have long collaborated on a comprehensive certification and testing program to give you superb integration of computers, graphic cards, operating systems and design software, including:

- Maximum workstation performance and compatibility
- Advanced OpenGL support for an enhanced graphics experience
- Standard 3-Year North American-based technical phone support

For a limited time, buying Autodesk Inventor software will earn you special instant savings on featured Autodesk Inventor-certified workstations. All you need to do is enter the serial number from your Autodesk Inventor software purchase on your registration form. If you do not have a serial number, please contact us at 1-877-GET-ASI-1. When you have your Autodesk Inventor serial number, visit www.advsolinc.com/dellpromo to register for this special promotion.

Product Updates

New Feature Releases Available Exclusively for Subscription Clients

Autodesk Subscription members can download the following new feature releases as part of their benefits via the Subscription Center:

- AutoCAD 2009 Subscription Bonus Pack
- Transitioning from AutoCAD LT 2008 e- Learning
- Transitioning from Autodesk Inventor 2008 Parts 1 & 2 e-Learning in Spanish, Russian, Simplified Chinese, or Japanese
- Autodesk Productstream Professional Webserver 2009
- Autodesk Data Exchange 2009
- Automotive Visualization Tips & Tricks Downloadable DVD

Visit the Autodesk Subscription Center to download these releases today - subscription.autodesk.com.

AutoCAD 2009 and AutoCAD LT 2009 Updates Available for Download

Autodesk Subscription members can now download the first product update (service pack) for the AutoCAD 2009 and AutoCAD LT 2009 products as part of their benefits. Updates have been made in the following feature areas:

- 3D Visual Styles
- Annotation Scaling
- External References (xref) palette
- Raster Images
- Partial Open
- Plot
- Properties Palette
- Hatch
- Remote text (rtext)

This update includes a wide range of general updates, including fixes to Attributes, Blocks, Hatch Boundaries, and many other functional areas. In total, more than 100 improvements are included in this product update. Download the product update and related information from www.autodesk.com/autocad-updates.

Industry in the News

Autodesk Inventor helps 42 Surfboards increase performance AND remain sustainable!

Check out the latest blog entry on USA Today's Technology LIVE, "Stoked On A Wooden Surfboard" featuring 42 Surfboards - the June Inventor of the Month - and Autodesk Inventor. Not only did Inventor help the surfing designers create lighter hardwood surfboards, (older, traditional hardwoods weighed over 70 pounds!), they were able to create a non-toxic board lasting 20 times more than modern surfing materials. ([Learn More](#))

The Advanced Simulation Technology Preview extends the simulation capabilities found in the Autodesk Inventor Simulation Suite 2009 and Autodesk Inventor Professional 2009 products, empowering manufacturers to meet today's energy and resource challenges with lighter, stronger, and more efficient designs. ([LearnMore](#))

Advanced Solutions New Manufacturing Implementation Certified Experts

Advanced Solutions now has more MICE! Craig Bashor (Louisville, KY), Paul Pennell (Ft. Wayne, IN), and Heath White (Raleigh, NC) now join an already long list of Technical Engineers who have passed the certification to become Autodesk Manufacturing Certified Implementation Experts. ([Learn More](#))

Advanced Solutions, Inc. Expands Product Line to include iLogic

We have expanded our already extensive product line of 2D and 3D design software to now include iLogic. iLogic, developed by Logimatrix Inc., enables rules- driven design by equipping CAD designers and CAD engineers with an affordable, easy-to-use solution that is seamlessly integrated into Autodesk Inventor. ([Learn More](#))

Event Calendar

Open Doors - Digital Prototyping: Assembly Design with Autodesk Inventor

In this Open Doors short course, you will learn how to interact with your assembly designs. Understanding how to quickly identify, locate, and select components during the assembly modeling process is essential to efficiency. Learning how to analyze your assemblies, obtain important physical properties, and check for interference between components helps to ensure the integrity of your designs. When your design is complete, you can represent your assembly with exploded views and animations that show others how to assemble or disassemble the components of your assembly.

After completing this lesson, you will be able to:

- Describe the assembly modeling process, the Autodesk Inventor assembly modeling environment, and recommended assembly design workflows.
- Use different tools and methods to identify, locate, and select components in an assembly.
- Retrieve important analysis information from the parametric models and assemblies.
- Create animations of exploded views in a presentation file.

Dates & Locations

9/26/08: Lexington, KY | Indianapolis, IN | Cary, NC

Register on our website – <http://www.advsolinc.com>.

Design-2-Part Tradeshow

100% Manufacturing! You are invited to attend the Design-2-Part Tradeshow, the largest face-to-face show in the mid-south region that exclusively focuses on design, electronics and contract manufacturing services. Contract manufacturers that service manufacturing sectors such as automotive, machinery, electronics, appliance, medical, and much more will be featured. Touch parts, talk to the experts and solve your supplier issues in one day! This show will bring you the top contract manufacturers both locally and nationally. From the point of inception (design and prototypes), to the complete outsourcing of the parts, components and assemblies, it's all here. One day at this show will help you research advanced technologies, vendors, and processes to do your job better and get to market faster. This show is really worth the drive!

Come and visit Advanced Solutions in booth #412 and learn how Autodesk Solutions can take your designs to the next level.

Date: October 22-23, 2008

Location: Gaylord Opryland Convention Center, 2800 Opryland Drive, Nashville TN 37214

Registration: <http://www.d2p.com>

PDMA Cincinnati 2008 Annual Innovation Conference

Gone are the days of innovation being the sole responsibility of R & D. Forward-thinking businesses incorporate innovation models that take a cross functional approach to innovation-one that leverages internal and external networks and includes customers in the innovation process. For innovation to deliver organic growth, real innovators know it takes planning, an openness to risk, knowing your competition, and listening to your customer.

Join Advanced Solutions and the Cincinnati/Tri-State PDMA for an energizing one day conference on Winning Innovation Strategies. You will learn best practices from world-class innovators. You will be exposed to the latest trends and practical tools to help you improve innovation success.

Date: October 16, 2008

Location: Savannah Center, 5533 Chappell Crossing Blvd., West Chester OH 45069

Registration: <http://www.winninginnovationstrategies.com>

Training Classes

As an Autodesk Authorized Training Center (ATC), Advanced Solutions, Inc. provides top-quality professional training and continuing education programs, for optimum productivity, to maximize the return on your software investment. We combine professional courseware, expert instructors, state-of-the-art computer systems, and high-resolution projectors to provide you with the highest quality training available. We encourage you to take advantage of this valuable resource and we look forward to being a part of your continuing professional development.

Choose the product and experience level that fits you best.

Beginning / Existing User

AutoCAD 2009 / AutoCAD LT 2009: Essentials

AutoCAD 2009: Transitioning from AutoCAD 2008

AutoCAD Electrical Essentials: 2009 (JIC Standard)

AutoCAD Mechanical 2009: Essentials

Autodesk Inventor 2009: Essentials

Autodesk Inventor 2009: Transitioning from Autodesk Inventor 2008

Autodesk Vault 2009: Essentials

Autodesk Productstream 2009: Essentials

Intermediate User

AutoCAD 2009: Creating and Presenting 3D Models

AutoCAD 2009: Intermediate

Autodesk Inventor 2009: Advanced Assembly and Machine Design

Autodesk Inventor 2009: Sheet Metal Design

Advanced User

Autodesk Inventor Professional 2009: Dynamic Simulation and Stress Analysis

Autodesk Inventor Professional 2009: Tube and Pipe Design

Autodesk Inventor Professional 2009: Cable and Harness Design

Visit our website to view locations, dates, and class information – <http://www.advsolinc.com/university>

Tips & Tricks

Redefining the Initial Sketch Plane in Inventor

Written by Paul Cetnar, Technical Engineer

Issue: How do I control the orientation of my view after a part has already been modeled?

Resolution: One of the ways we can harness this capability in Inventor is the process of redefining our initial sketch plane. By default, all of your initial sketches are created on the XY plane (unless we choose otherwise). When we reach the point of placing our initial views in our drawing, one of our options for placement is the Front View, labeled XY, meaning if we use our 'Look At' tool in our model and choose the XY plane from our origin folder, we will see our corresponding view from our drawing. Now, if we want to change this...

Want to read further? Visit our Client Center – <http://www.advsolinc.com/clientcenter>

Paul Cetnar serves as a Technical Engineer for Advanced Solutions Inc. in the Manufacturing Solutions Division. He started his curriculum in the engineering discipline at Michigan State University. He later transferred to the University of Michigan where he earned his Bachelor's of Science Degree in Mechanical Engineering.

Mr. Cetnar has over 3 years of experience in the Engineering Field including his time designing and engineering HVAC components for a leading automotive supplier, as well as staging, lighting, and audio equipment during his tenure with a fast paced production company. Mr. Cetnar looks to utilize his knowledge and utmost professionalism to bring our clients the highest level of service and support with the Autodesk family of products.

New to the Team

Justin Chartier

Technical Engineer - MSD

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Brentwood, TN 37027

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