

## 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.

## Letter From The President

### Innovation to the Rescue

by Michael W. Golway, P.E. President & CEO

Bad news about the economy and the state of our world seems to be everywhere. It's hard to pick up a newspaper, turn on a news channel, or log on to a news website without getting clobbered with depressing reports on the state of our economy or world affairs. It's a seemingly endless list of headlines focused on highly volatile energy prices, food shortages, housing, global warming, and financial markets in turmoil, among others. The pundits are rampant with opinions about who's to blame and how bad conditions will further deteriorate.

The good news is that human innovation will be a key driver in solving the major problems our generation faces. Innovation is an inspiring word that refers to a radical and substantial positive change through invention. It's the making of processes, products and ways of thinking that are significantly better than the prior state or condition. The innate human quality to improve upon our current position has certainly led to our present day quality of life, standard of living, and greater understanding of our world.

To read more [click here](#).

## 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 - 30% off with Autodesk Subscription when you act before January 16, 2009.

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. ([Learn More](#))

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### 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 10% until January 16, 2009. 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](#))

## Showcase Your Inventor

Customers who purchase new seats of both Autodesk Inventor and Autodesk Showcase at the same time will receive special promotional pricing for both products through January 16, 2009.

Customers who use Inventor and Showcase can realize the advantages below:

### *Make Better Decisions, Faster*

Facilitate informed and streamlined decision-making with realistic representations of the product created from 3D Inventor CAD data with Autodesk Showcase software. You can easily present a range of design options to help reduce the time, cost, and the need for building physical prototypes. Present and review models in an environment in which team members can make timely, reliable decisions with both locally and via remote sessions, helping to save travel time and costs with staff in different locations.

### *Interoperability Between all of your Design Data*

The import process in Autodesk Showcase software combines data translation and tessellation into one action. This means that Showcase reads in data from Inventor and translates it into a high-quality, real-time models. Showcase also reads project data as well as individual models.

Autodesk Subscription is not required to be eligible for promotional pricing for this program. If subscription is not purchased on the products which are part of this promotion, only Autodesk Inventor Suite is eligible for future upgrades. Autodesk Inventor Professional, Autodesk Inventor Routed Systems, Autodesk Inventor Simulation Suite, and Autodesk Showcase are all subscription only products which mean in order to receive future upgrades, those products must be on subscription. ([Learn More](#))

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## 0% Financing, No Payments for 60 Days, and 0% Interest for 12 Months

During challenging economic times, it's more important than ever to stay on top of your game. Companies are being forced to do more with less. Meeting deadlines has become mission critical. How can you keep up? Increasing your productivity is the key to getting your work done in less time, on time. Invest in the software that can take your productivity to the next level — without breaking the bank.

Now you can make no payments for two months and get 0% interest for an additional 12 months on most Autodesk software purchases until January 16, 2009. Don't hesitate to get the tools you need to boost your efficiency and productivity.

### *Act now and increase your tax deduction!*

If you act before December 31, 2008, you may be able to write off the full cost of your software through the federal [Section 179 deduction](#). Many businesses can deduct the full purchase price of qualifying equipment purchased or financed — like Autodesk software — during this tax year. ([Learn More](#))

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## AutoCAD LT 2009 New Seat Rebate

Customers who purchase eligible new commercial licenses (seats) of AutoCAD LT 2009 may be eligible for a rebate of up to \$200 for each new license (seat) purchased after submitting an online request and providing proof of purchase documentation. The AutoCAD LT 2009 New Seat Rebate qualifying purchase period runs through January 30, 2009. You must order AND receive your product within this qualifying period to participate. This offer is limited to a maximum of five (5) seats total per customer invoice address. Autodesk Subscription is not required to be eligible for the AutoCAD LT 2009 New Seat Rebate; however, Autodesk Subscription holders receive benefits including incremental product enhancements, personalized web support, and self-paced training options with one annual fee. ([Learn More](#))

For a complete list of our promotions, please visit our website at [www.AdvancedSolutionsOnline.com/promo](http://www.AdvancedSolutionsOnline.com/promo).

### Autodesk Inventor 2009 Subscription Bonus Pack

The first Subscription Bonus Pack is now available featuring improvements to frequently used commands. In fact, three of the current AUGI Top 10 wish list items are provided along with many other productivity based improvements for part and assembly modeling to drawing creation. Tools included in the Bonus Pack will reduce the amount of picks and clicks, as well as reduce editing steps. Autodesk Subscription clients are able to install these tools to their current Inventor 2009 after downloading a small file from the subscription portal. These same tools will be rolled into the next release of Inventor.

What's in the bonus pack?

#### *Drawing Manager Tools*

- Arrange dimensions
- Dimension Selection Filters
- Directly open a corresponding drawing right from a part or assembly
- Refreshing drawing parameters
- Balloon snap and alignment on placement
- Project geometry works like part environment
- Edit dimension upon placement

#### *Part Modeling Tools*

- Create parameters on the fly when dimensioning
- Specify iFeatures normal direction
- Create iFeatures from iParts
- Apply buttons on Scale and Rotate dialogs
- Simplified loft selection through right click context menu

#### *Assembly Design Tools*

- Bill of Material Editor Shift or Control contiguous or non-contiguous selection
  - Copy/Paste
  - Capitalization
  - Find and Replace
  - Cross highlight from the BOM editor and Assembly model
- Auto Save Reminder

Our current Inventor subscription clients will be able to login to the Autodesk Subscription website and download the small Bonus Pack. To visit the Subscription Center, go to [www.autodesk.com/subscriptionlogin](http://www.autodesk.com/subscriptionlogin). \*\*The Subscription Bonus Pack cannot be applied on UI Technology Preview for Autodesk Inventor 2009 or Autodesk Inventor LT Technology Preview 2009.\*\*

Autodesk Subscription is the best way to stay current with the latest design technology, while gaining the benefits of simplified software management, easy budgeting, e-Learning, and web support. For more information on Autodesk Subscription, click [here](#).

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### Discontinuation of Autodesk Mechanical Desktop

Autodesk has terminated the development of Autodesk Mechanical Desktop and will no longer release new versions of the product. This decision was made to allow Autodesk to focus on the development of the Autodesk Inventor and AutoCAD Mechanical product lines.

As a result of this decision, Mechanical Desktop 2009 becomes the last version of the product to be made available.

Autodesk recognizes that our clients have created many Mechanical Desktop files containing their intellectual property. To protect this data, Autodesk is taking the following actions:

In accordance with section 2.2.3 of the [Subscription Terms and Conditions](#), Autodesk Support will continue to provide product support for Subscription clients for a period of no less than three years after the removal of Mechanical Desktop from the Inventor product line.

Autodesk will continue to make Mechanical Desktop 2009 available for download with future releases of Inventor\*.

Autodesk will continue to support the DWG Import wizard for Mechanical Desktop parts, assemblies and drawings.

Despite anything to the contrary in our Subscription terms and conditions or our license agreement(s), Autodesk will allow clients the right to continue using earlier versions of Mechanical Desktop with Inventor releases.

\*Your Subscription contract must be current at the time of product release to receive any product upgrade.

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### **CATIA V5 Import Translator for Inventor**

Added to Autodesk Labs on November 18, this technology preview gives you more flexibility when creating designs with vendor or customer data by allowing you to directly import CATIA V5 files into Autodesk Inventor. This translator reads both CATPart and CATProduct files bringing solids, surfaces, wires, and points into Autodesk Inventor to be directly utilized while modeling. Being able to import directly from CATIA V5 files eliminates the need to convert the CATIA data to make it usable in your projects.

You must have a licensed copy of Autodesk Inventor 2009 SP1 or the Autodesk Inventor LT Technology Preview 2009 SP1 to run this add-in. Autodesk Inventor LT Technology Preview 2009 SP1 is a small patch that installs on top of your existing Inventor LT 2009 preview software. It offers some defect fixes that are only necessary if you intend to use the CATIA import translator. If you install SP1, it will not affect the May 1, 2009 license expiration date for the LT technology preview. The CATIA V5 Import Translator for Inventor itself has no expiration date. Download this new utility from [labs.autodesk.com](http://labs.autodesk.com).

## **Industry In The News**

### **Digital Prototyping Assessment Tool**

The Digital Prototyping Assessment Tool is a web-based diagnostic tool designed specifically to help you identify your top pain points around product development and offer personalized recommendations to address them. This tool was created by the Aberdeen Group, an independent market research firm, and is brought to you by Autodesk.

By taking a quick, 10-minute survey, you will see where you stack up against leading product developers and receive a customized report to help you with the following:

- Identify and quantify potential savings in time and cost
- Compare your company design practices to industry benchmarks
- Receive actionable best practice recommendations

Visit [autodesk.aberdeen.com](http://autodesk.aberdeen.com) and click the Start Evaluation button to begin your free analysis.

Discover how the Autodesk solution for Digital Prototyping is helping manufacturing companies spark innovation. Visit [www.autodesk.com/manufacturingcenter\\_003](http://www.autodesk.com/manufacturingcenter_003) for more information.

## Event Calendar

### Lunch & Learn

Join Advanced Solutions for an introduction of the newest features in Autodesk software. Lunch and Learns are designed to give an overview of the new features for those considering upgrading or crossgrading to the newest release. Hosted at our regional offices, these events are intentionally small and product focused.

Date	Time	Topic	Location
January 23, 2009	11:30am – 1:00pm EST	Inventor 2009	Charlotte, NC
January 30, 2009	11:30am – 1:00pm EST	AutoCAD Electrical 2009	Charlotte, NC

Register today at [www.AdvancedSolutionsOnline.com/events](http://www.AdvancedSolutionsOnline.com/events) or call 1-877-GET-ASI-1.

### Webcast

Join a free Autodesk Inventor software webcast with live Q&A on January 13, 2009, and learn how you can validate the functionality of a design and catch errors — before a physical model is even built.

In this webcast, Daryl Corelli, Autodesk's Manufacturing Technical Specialist, will show you how Autodesk Inventor allows engineers to capture the functional requirements of a design using 3D models.

With a workflow driven by functional design, you can rapidly build digital prototypes that validate design functions and catch errors before they ever reach the manufacturing floor. The result: accelerated design cycles, higher-quality designs and reduced manufacturing costs. Daryl will also demonstrate how to use the Autodesk Inventor design accelerator feature to design mechanical systems faster and in a way that focuses on function, not dimension. Plus, learn how you can leverage built-in calculators to predict failure behavior and create prototypes that are in compliance before a product is manufactured.

Date	Time
January 13, 2009	1:00pm – 2:00pm EST

Register today at [www.AdvancedSolutionsOnline.com/events](http://www.AdvancedSolutionsOnline.com/events) or call 1-877-GET-ASI-1.

### Digital Prototyping Open Door

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.

Get tips and tricks from one of Advanced Solution's Autodesk Training Instructors and try the latest software. Experience the productivity of today's design technology at our Autodesk Authorized Training Center. Seating is limited. Reserve yours today! Register today at [www.AdvancedSolutionsOnline.com/events](http://www.AdvancedSolutionsOnline.com/events) or call 1-877-GET-ASI-1.

## Power Sessions

The economy today requires some heavy lifting and we want to prepare you for the days ahead. You will not want to miss this one-day event with five 75- minute Autodesk vertical product focused sessions. The in-depth sessions are intended for power users of Autodesk products. You will not only walk away with valuable information to maximize your Inventor software, but you will also have the opportunity to share ideas and solutions with other power users.

Date	Location
February 6, 2009	Cary, NC Cincinnati, OH Nashville, TN
February 13, 2009	Charlotte, NC Columbus, OH Louisville, KY Richmond, VA

Keep a look out for upcoming news in your inbox!

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## Missed Autodesk University 2008?

Advanced Solutions hosted a special presentation by Wayne Hodgins titled “The Snowflake Effect: Preparing for the Future of Unique Digital Design.”

If you were not able to attend our live event, you now have the ability to experience the presentation from the comfort of your own desk. We have posted Wayne’s presentation on our Client Center, which is free to Advanced Solutions clients. Please go to [www.advsolinc.com/clientcenter](http://www.advsolinc.com/clientcenter) to register and access the presentation. If you are not an existing client of Advanced Solutions, please register as a guest and you will be given temporary access.

While you visit our Client Center, please be sure to check out the most recent industry updates, tips & tricks and product information.

## 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. To view dates and locations, click on the class title listed below.

### 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](#)

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## PILOT Program

Need training? Can't find a convenient Autodesk Authorized Training Center close by? The Advanced Solutions Professional Instructor Led Online Training (PILOT) can help. PILOT is a virtual online training enrollment option available for all of our regularly scheduled Autodesk Certified classes.

With the PILOT program, you can experience the benefits of our "in class" instructor led program without leaving your office.

### *Benefits of the PILOT program:*

- Save on travel expenses
- Experience live training
- View the instructor's screen just like you were present in the classroom
- See and hear the instructor's lessons in real time

Don't settle for "canned" video training or "how to" books – join us in our Professional Instructor Led Online Training today! [Click here](#) to view the list of online training classes available.

## New to the Team

Please welcome Chad Thompson to our team! Chad is our new Manufacturing Technical Engineer in our Lexington, KY Authorized Training Center. Chad is a graduate of the University of Kentucky with a BSME degree. Chad is a PE registered in 5 states and has over 18 years of industry experience