

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.

Advanced Solutions, Autodesk Government, and DLT Solutions have teamed up to deliver a world class evaluation, purchasing, and implementation strategy for your agency. Solutions include packaged software installation, training, customized support service offerings, and 21 years experience in helping designers improve efficiency and productivity.

Renderings 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**

LOUISVILLE, Ky. - September 23, 2008: 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 visit us at http://www.advancedsolutionsonline.com/about/pressroom_092308.aspx.

Promotions

AutoCAD LT Software Users Save Up To 64% EXTENDED through September 30th!

If you are an AutoCAD LT software user, you already know how creative and productive you can be with the right Autodesk tool. But what if we told you there are even more powerful solutions - created specifically for design professionals? And what if you could get these solutions at one low price?

The answer is to move to AutoCAD 2009 - or the design solution that's right for you - and you can have it for just \$2,495.

Maybe you've been thinking about moving into a 3D product. Perhaps you're looking for more robust capabilities to boost your productivity. Or maybe you want to automate some of your more tedious design and detailing tasks. With savings like these, there was never been a better time to make a move.

Act now and receive a \$200 training voucher at <http://offers.autodesk.com/8/93603/?mktvar001=93681>.

Transition from AutoCAD Land Desktop to AutoCAD Civil

As an AutoCAD Land Desktop software user, you can now introduce yourself to the new AutoCAD Civil by taking advantage of this special promotion! Users can crossgrade to AutoCAD Civil, AutoCAD Map 3D, or AutoCAD Civil 3D software for as low as \$245!

This promotion runs till April 17, 2009, and is available to licensed users of Autodesk Land Desktop 2006 or 2007 software, AutoCAD Land Desktop 2008 or 2009 software products.

To find out more about making the transition visit us at <http://www.advsolinc.com/civil/index.aspx>.

Use the Efficiency Stimulus Package to explore the following possibilities

- 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!
- To access your printable stimulus package go to http://www.advsolinc.com/efficiency_stimulus.aspx.

Industry in the News

ConsensusDOCS

New ConsensusDOCS Contract First to Address BIM

ConsensusDOCS has just released a groundbreaking Building Information Modeling (BIM) Addendum that marks a significant step forward in utilizing BIM as a collaborative tool. This new document will bring the construction industry's future into reality. The ConsensusDOC 301 BIM Addendum is the first and only industry standard document to address the legal uncertainties associated with utilizing BIM. For more information, visit www.ConsensusDOCS.org.

Event Calendar

AEC Civil Sustainable Design Executive & Technical Series

1. Have you been asked about what services your firm offers for Sustainability?
2. Have your clients "gone green"?
3. Have you bid on opportunities that required LEED certification?

If you answered "yes" to any or all of these questions, this Executive and Technical series will address what Sustainable Design is and how it is affecting the Civil Engineering Industry today, and tomorrow. The Executive Series will discuss industry trends, and the integrated project delivery. Errors and Omissions. and Building Information Modeling. The Technical Series will address site

selection, site design, hydraulics/hydrology, visualization and simulation in design.

We invite you to participate in these important webinar industry discussions. (Upon registration, a link to the webinar will be sent with your confirmation.)

Sustainable Design Executive Series

9:00am - 10:00am

10/14/08: Building Information Modeling (BIM) for Civil Engineer

Sustainable Design Technical Series

1:00pm - 1:30pm

10/21/08: Visualization/Simulation/Design

To find out more information about registration visit us at <http://www.advsolinc.com/events/index.aspx#aec>.

Open Doors - Site Design: Grading and Quantities with AutoCAD Civil 3D

In this Open Doors short course, you will learn to design the grading for land parcels adjacent to subdivision roads. You will begin by creating grading feature lines from the subdivision road corridor models at the right-of-way locations. Then create a temporary interim grading surface from the feature lines, which is used to calculate another feature line at the back of parcels location. Next, create a final grading surface that incorporates the daylighting grading objects, the feature lines on the parcels, and the corridor datum surface. The final earthworks volumes are calculated by comparing the final grading surface to the existing ground surface. Finally, prepare the engineering and construction plans by adding labels to parcel corners and parcel segments. To see the Open Door schedule and registration go to http://www.advancedsolutionsonline.com/events/index.aspx#opendoor_sitedesign.

Open Doors - BIM: Presenting the Building Model with Revit

In this Open Doors short course, you will learn how to create realistic presentations and create a rendered interior view using lighting, material properties, and render quality settings. You can create realistic images in Revit Architecture by applying materials, material styles, RPC components, and textures to the building components. Learn how to produce realistic images of building model interiors, which can be used to present to clients or create advertising. In addition to showcasing your designs in different ways, you will also learn how to create shadow studies of a model. To see the Open Door schedule and registration go to http://www.advancedsolutionsonline.com/events/index.aspx#opendoor_bim.

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. To see the Open Door schedule and registration go to http://www.advancedsolutionsonline.com/events/index.aspx#opendoor_digitalproto.

AIA Ohio 2008 Convention

Architect as the Master Builder - Myth or Reality? The AIA Ohio Awards Banquet will take place at the new Akron Art Museum designed by Wolf Prix. October 2-4, 2008 at the John S. Knight Center. For more information or to register visit <http://www.associationsites.com/page.cfm?usr=aia&pageid=1176>.

AIA Kentucky/AIA Indiana Convention

The AIA Kentucky/AIA Indiana Convention will be held October 9-11, 2008 in Louisville, Kentucky. The "Evolution: From Chisel to BIM" theme has been selected in part to pay homage to the 100th anniversary of the AIA in Kentucky. Programs will be held at The Henry Clay, a newly-renovated conference facility located at 604 South Third Street in downtown Louisville. Overnight accommodations will be available just up the street at the Louisville Marriott Downtown.

Keynote presenters include:

- **Phil Bernstein, FAIA** and Vice President of Autodesk
- **Markku Allison, AIA** of the AIA's Integrate Practice Knowledge Community
- **Sarah Susanka, FAIA**, architect and acclaimed author of the "Not So Big..." series of books.
- **Michael Speaks**, dean of the University of Kentucky College of Design
- **Chris Sharples, AIA** of Shop Architects in New York City
- **Bill Zahner**, president of A Zahner Architectural Metal Company.

For more information or to register visit <http://www.aiaky.org/>.

2008 North Carolina League of Municipalities (NCLM) Centennial Conference

The League will celebrate its 100 years at the 2008 NCLM Annual Conference, October 12-14, 2008 in Charlotte. To find out more information visit <http://www.nclm.org/conference.htm>.

Sustainable Design for Architects and Engineers

Are you finally ready to see how your design software can help you participate in the Sustainable Design process? If you are like most architects and engineers you've heard a lot of talk about Sustainable Design. You've probably sat through Power Point presentations and read white papers, but you're still waiting to see some real world examples of how to specifically address design criteria and satisfy actual LEED requirements with your design software.

Please join Advanced Solutions and Autodesk on October 21-22, 2008 as we present Sustainable Design for Architects and Engineers. Jerry Bartels, Autodesk Civil Technical Specialist will be presenting Civil 3D for Site Selection and Design and Michael Juros AIA Autodesk AEC Technical Specialist will be presenting Revit for Building Construction. Jerry and Michael will be bringing a Revit model and a Civil 3D site together into a unified project, and then show real world examples of how to utilize Autodesk design software to satisfy specific LEED requirements and design sustainably.

Sustainable Design Civil and Building

8:30am - 12:00pm

Scalable Migration Civil 3D Adoption Strategy

12:00pm - 1:00pm

To find out more information or register, visit us at http://www.advsolinc.com/events/index.aspx#sustainable_design.

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 User

AutoCAD & AutoCAD LT 2008: Essentials
AutoCAD 2009 / AutoCAD LT 2009: Essentials
AutoCAD 2008 / Transitioning from AutoCAD 2002
AutoCAD 2009: Transitioning from AutoCAD 2008
AutoCAD Civil 3D 2008: Essentials
AutoCAD Civil 3D 2008 - Surveying
AutoCAD Civil 3D 2009: Essentials
AutoCAD Map 3D 2009: Essentials

Intermediate User

AutoCAD 2009: Creating and Presenting 3D Models
AutoCAD 2009: Intermediate
AutoCAD Civil 3D 2008: Introduction to Commercial Site Grading Plans
AutoCAD Civil 3D 2009: Residential Grading
AutoCAD Civil 3D 2009: Designing Intersections and Cul-de-Sacs

To find dates, times, and locations please visit our training website at <http://www.advsolinc.com/university/trainingProvider.aspx>.

Tips & Tricks

Civil 3D 2009

Transfer Workspaces

Issue:

You want to transfer a workspace from one computer to another without having to transfer the entire CUI file.

Reasons someone might want to do this:

- A user on another computer deletes his/her workspace or modifies the workspace in a way they should not have and the user does not want to create a new one.
- If another user has the same one or a simpler one then they could save that workspace on the other computer. You have a workspace with menus and toolbars that you always use and you want to keep a copy just in case something happens to that workspace.
- Standardization, all employees using the same interface.

To get a step-by-step walk through visit <http://www.advsolinc.com/clientcenter/>.

New to the Team

DLT Representatives

David Moore

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Poll Questions

1. What is your company doing to be GREEN?
2. What would you like to hear about?
3. What can you spend your end of the year money on? Upgrades, crossgrades, or even training?

To answer these questions visit http://www.surveymonkey.com/s.aspx?sm=9jpAENoYPHASUB4uckPNcg_3d_3d.

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