

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Archway Systems, Inc.

Southern California:  
2134 Main St, Ste. 160  
Huntington Beach, CA 92648

Phone: 714-374-0440  
Fax: 714-374-0301  
tom@archwaysystems.com

Northern California:  
56 Nicholl Ave  
Point Richmond, CA 94801  
510-231-0502  
gmcmeans@egs-inc.com

WWW.ARCHWAYSYSTEMS.COM

WWW.VERSACAD.COM

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### Holiday Greetings from Archway:

*Merry Christmas and Happy New Year from all of us here at Archway.*

*We hope you are blessed this holiday season and get to spend time with family and friends.*

*See you next year!*

### Upcoming Events:

**Dec 24-25** — Archway closed for Christmas

**Dec 31-Jan 1** — Archway closed for New Year's

**Jan 18-19** — SoCal Bentley Bash @ Rio Hondo CC in Whittier, CA

### Is Your SELECT Current?

Is your SELECT current? You don't want to miss out on the features that only SELECT can give you. First, you have the all around benefits which include **24/7 support** and the **latest versions** of all of your Bentley software.

Also, if you are on SELECT, you can take advantage of the **Portfolio Balancing** program. This program allows you to trade in seats of a product that you no longer need for another Bentley product. For instance, if you have five seats of MicroStation, but only need two, you can trade in those extra three seats for two seats of InRoads because of price. This is an annual program based on your SELECT renewal date, and is available to all who are current on SELECT.

If you are not current on SELECT, contact Archway today to get up to date. With all of these great benefits, you don't want to fall behind. And if you buy SELECT in the next two weeks, you can take advantage of the Section 179 Tax Deductions noted in the article above. What are you waiting for? Contact Archway today!

### IRS Section 179 Tax Deductions

Just a reminder! You have just **two more weeks** to take advantage of the Section 179 tax benefits for equipment and software purchased before the end of the year.

IRS Section 179 has provided businesses with the ability to substantially accelerate depreciation on qualified purchases for the last decade. The limitation on the available deduction grew to \$500,000 during 2010 and 2011 as Congress intended for the increased limits to assist businesses in light of the recession. For 2012, the available deduction has been decreased to \$139,000. Without intervention by Congress, the deduction will decrease further for 2013 to \$25,000.

To be able to take advantage of the tax deductions this year, purchase your software now! You only have until the end of this month. Contact Archway today to get your software!

### Rhino 5 Release

**Rhino 5** was just released! With thousands of new features and abilities, it is a great tool for your 3D design work. It is **better, bigger, and faster** than ever. Every part of Rhino was enhanced in version 5 from modeling and editing to the interface and display, making it the best version on the market.

There are new features for **modeling, editing, the interface, display, rendering** and more, including 64-bit and enhanced graphics support for faster design speeds. And with nine new import/export file formats, more than 50 new compatibility enhancements and more, Rhino is even more versatile than ever.

Already have Rhino? Want to upgrade? The **upgrade price** for Rhino 5 is **\$345** until February. In February, the price will go up to **\$495**. But right now Archway is offering, for the **next two weeks only**, a special upgrade price of **\$324!** Upgrade **before December 30th** in order to get the special price. Call us today!

Also check out Archway's upcoming Rhino classes by checking out the Training Schedule on page 3.



## Who's Who at Archway Systems

<b>Tom Lazear</b>	Administration, Sales & Training	<b>Linda Grubb</b>	Sales Manager
<b>George McMeans</b>	Sales & Training in Nor. Cal.	<b>Josh Lazear</b>	IT Specialist
<b>Mike Lazear</b>	Programming & Support	<b>Daniel Lazear</b>	Sales
<b>Sandy Lazear</b>	Accounting	<b>Lauren Jansen</b>	Marketing & Sales
		<b>Shannon Schoenberger</b>	Marketing

## REPORT

## High Speed Rail Conference Review

Archway and Bentley shared a booth at the High Speed Rail Conference at LA Metro, December 3 and 4. Over 200 of the top executives involved in High Speed Rail attended the two day conference that included 12 sessions covering the US High Speed Rail Association's (USHSR) vision for high speed rail in the US over the next 40 years.

The speakers at the conference included association executives, government leaders, city mayors, engineering companies, rail car manufacturers, educators, and urban planners. Among many other attendees who stopped by the booth, Archway had the pleasure of meeting and talking with speakers Jeff Morales, CEO California High Speed Rail Authority; Dwayne Sampson, Superintendent of Maintenance for NYC Transit Depot; Mayor Beth Van

Duyn, of Irving, Texas; Rick Harnish, Midwest High Speed Rail, and Mike Bellow, Gensler Urban Planner.

While the high speed rail movement has plenty of opponents, several phases involving billions of dollars are approved and going forward. It was clear from the conference that the approach now being taken by the proponents has matured and become more practical: the idea of a phased approach with successful pilots to establish a basis for future projects, the idea of a blended approach that would use stretches of 200 mph high speed rail where practical blended into existing passenger rail lines, the P3 approach (private, public partnerships) and more.

The P3 approach is necessary for projects that require huge risk and initial investment which the public can better absorb combined with the entrepreneurship and efficiency of a private operation. In other



Archway's Tom Lazear speaking with attendees as they stopped by the booth.

words, it is a project that neither can accomplish alone.

Forecasts presented for California growth indicated that the current 35 million population will grow to 60 million by mid 21st century. If transportation is left to cars and airplanes alone, freeways will be expanded to 10 lanes both ways (a plan that has actually been proposed for a stretch of the I-15 in San Diego, CA) and pollutants will double.

High Speed Rail, in strategic locations, can alleviate some of those negatives. California is engaged with about \$6 billion (\$2.6 billion from bonds and \$3.2 billion from federal funds) which will help accomplish phase 1, a stretch from Merced to Fresno scheduled to break ground in 2013. The USHSR's goal is to have 17,000 miles of high speed rail in place by 2030.



Archway's Tom Lazear speaking with Mayor Beth Van Duyn of Irving, Texas

## Training Class Schedule

Archway offers a variety of training classes using the latest of each software. All classes use certified materials and are held from 8:30AM to 5PM. Locations: Huntington Beach training center (**HB**), S.F. Bay area (**BA**), and Phoenix, AZ (**AZ**). Classes can be delivered on-site and online. Call or email Archway or visit [LearnMicroStation.com](http://LearnMicroStation.com) for the latest class schedule.

### Upcoming MicroStation & Other Bentley Classes

- **MicroStation Essentials** — This course is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Cost is \$1600. Location: **HB**
  - ◊ **HB Dates** — 1/22 to 1/25; 3/5 to 3/8; 3/26 to 3/29; & 4/16 to 4/19
- **MicroStation for AutoCAD Users** — This course is specifically for experienced AutoCAD users wanting to transition their CAD knowledge to MicroStation skills. Cost is \$1350. Location: **HB & BA**
  - ◊ **HB Dates** — 2/6 to 2/8; 3/20 to 3/22; & 5/1 to 5/3
  - ◊ **BA Dates** — 12/10 to 12/12
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation V8i in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$950. Location: **HB**
  - ◊ **V8 XM to V8i SS2** — 1/31 to 2/1; & 3/14 to 3/15
- **MicroStation Everything 3D** — In this course, users will navigate and work in a 3D design file, create and edit 3D geometry in MicroStation, create parametric 3D models and develop a basic knowledge of the rendering capabilities of MicroStation. Cost is \$1800 Location: **HB**.
  - ◊ **V8i SS2 Edition** — 1/8 to 1/11
- **MicroStation for Advanced Users** — This course is for the experienced MicroStation user and focuses on improving user and work-group productivity. Cost is \$1200. Location: **HB**
  - ◊ **HB Dates** — 2/13 to 2/15; & 4/24 to 4/26
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1500. Location: **HB**
  - ◊ **HB Dates** — 1/8 to 1/11; 2/26 to 3/1; 4/2 to 4/4
- **AECOSim Energy Simulator** — This course takes you through the AECOSim Energy Simulator software interface and shows you how to create an Energy Model using the Data managers and the modeler. Cost is \$1500. Location: **HB**
  - ◊ **Dates** — 1/22 to 1/24; & 4/23 to 4/25
- **AECOSim Building Designer Essentials**— This course helps you get started with the basics of the software, working in 3D and using BIM themes and workflows. Cost is \$1000. Location: **HB**
  - ◊ **Dates** — 3/19 to 3/20
- **AECOSim Building Designer Architecture**— This course is designed to help users understand the Architecture features available in AECOSim Building Designer. Cost is \$1500. Location: **HB**
  - ◊ **Dates** — 2/26 to 2/28
- **AECOSim Building Designer Structural Framing** — This 4 hour course is designed for users to learn fundamental BIM functionalities in order to model and modify structural framing. Cost is \$250. Location: **HB**
  - ◊ **Dates** — 2/5; & 4/9
- **AECOSim Building Designer Structural—Walls, Slabs & Foundations** — This 4 hour course is designed for users to learn fundamental BIM functionalities in order to model and modify structural walls, slabs & foundations. Cost is \$250. Location: **HB**
  - ◊ **Dates** — 2/5; & 4/9
- **Intro to AECOSim Building Designer-Structural Framing, Walls, Slabs and Foundations**— This course allows the user to use the software to model and modify structural framing, walls, slabs and foundations. Cost is \$500 Location: **HB**
  - ◊ **Dates** — 2/14
- **Intro to AECOSim Building Designer-Floor, Structure, Core and Roof Modeling** — This course allows the user to use the software to model and modify floors, structures, cores, and roofs. Cost is \$500 Location: **HB**
  - ◊ **Dates** — 2/12
- **AECOSim Building Designer Mechanical—HVAC** — This 4 hour course allows users to learn the basic tools of BIM Mechanical models including placing and modifying duct and diffusers. Cost is \$250. Location: **HB**
  - ◊ **Dates** — 2/20; & 4/2
- **AECOSim Building Designer Mechanical—Fittings and Devices** — In this 4 hour class you will learn to place and modify fittings, takeoffs and inline devices. Cost is \$250. Location: **HB**
  - ◊ **Dates** — 2/1; & 3/28

### Upcoming Rhino Classes

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is \$695. Location: **HB**
  - ◊ **Dates** — 1/22 to 1/24; & 3/26 to 3/28

## 2013 Southern California Bentley Bash at Rio Hondo

The annual Southern California Bentley Bash 2013 is coming **January 18-19** at Rio Hondo Community College. It is a **free** weekend of training seminars and hands-on workshops for you to get up to date with Bentley software and network with other Bentley users like yourself.

There will be morning and afternoon sessions on **Saturday**, with a **Friday** afternoon session as well. Lunch is provided for **free** on Saturday, and there are prizes to be won! Also you don't want to miss our keynote speaker this year, **John Riddle, Sr.** Vice President of Marketing and Sales for Civil at Bentley. He will be a great addition to this Bentley Bash, and you will want to hear what he has to say.

Just like each year before, we are bringing you the best instructors to give you the best possible learning experiences. This year we are featuring topics including **Pointools**, **MicroStation**, **ProjectWise**, **AECOSim Building Designer**, **WaterGEMS**, **SewerGEMS**, **Rail Track**, and more. Within these topics, they range from introduction classes to advanced, so there are options for everyone, no matter your skill level. There are over 10 classes to choose from in each session on Saturday, and 5 on Friday afternoon.

Stay tuned for registration information. We will be sending it out as soon as classes are finalized. Also look in our January Newsletter. Sign up early! Classes will fill up and you want to make sure you are on the list. Contact Archway today with any questions or for more information about the Bash!

## Pointools Edit: Get it Before the End of the Year!

You don't want to miss out on Pointools great pricing. Now, through the beginning of 2013, Pointools Edit is only \$4000! Pointools Edit is joining Bentley's products on SELECT at the beginning of 2013. When it does, the price for Pointools Edit will be going up to \$4995. **Buy now! Save \$995!** If you already own Pointools Edit, you will only have to pay \$1000 to upgrade to SELECT. Come January, if you do not own it already, you will have to pay the \$4995 for Pointools Edit plus an additional \$1000 for SELECT!

The Pointools Plugins will be going away at the beginning of the year as well, so if you have a need for one, **buy now!** You don't want to miss out on the opportunity to have the Pointools Plugins for Rhino, Sketchup, and AutoCAD.

If you have any questions about the changes being made with Pointools, or are interested in purchasing Pointools Edit or Plugins, please contact Archway today! Buy now before prices rise and Plugins disappear!

## Bentley Student Center YouTube Videos

Be Careers has put together many helpful videos available to you free on the [Bentley Systems StudentCenter YouTube channel](#). These videos include introductions and tips for many different software including InRoads, Navigator, Maxsurf, WaterGEMS, StormCAD, MicroStation, and more.

More videos are always being added, so be sure to bookmark this YouTube channel for whenever you need a quick tip!

## Archway's Product Line

Archway is a full service provider of technical software serving the Academic, Architectural, Civil and Mechanical Engineering markets.

### **DESIGN & ENGINEERING SOFTWARE:**

- MicroStation, ProjectWise and applications
- VersaCAD Win & Mac
- AECOSim Building Designer & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOSim Energy Software
- Solid Edge and applications
- Promis\*e
- Pointools Edit and applications

### **SERVICES:**

- Training
- Phone support
- On-site support
- Customizing
- Consulting
- Contract software development
- CAD file translation

### **3D GRAPHICS & ANIMATION SOFTWARE:**

- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley ProjectWise Navigator
- ArchVision libraries

## Archway Training Center

Checkout the training classes on page 3. Classes for every need for MicroStation, Haestad, InRoads, STAAD.Pro, RAM, Rhino, Solid Edge and VersaCAD. Increase your design productivity. If there is not a class listed to fit your needs, call us and let us come up with a custom solution for you.

## MyCADvideos.com

Checkout this site for free introductory videos and one hour webinars on the latest in CAD, FEM, and more.