

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- Sept 8** — Bentley Navigator Academic Webinar
Sept 12 — Lunch & Learn at Gulliver's
Sept 16 — Lunch & Learn at Beckham Grill in Pasadena
Oct 3 — WaterGEMS Academic Webinar
Oct 28 — InRoads Academic Webinar
Nov 15 — STAAD.Pro Academic Webinar

Lunch & Learns

Coming up on September 12th and 16th are two Bentley Update Lunch & Learns hosted by Archway. On September 12th, we will be at Gulliver's in Irvine at 11:30am to 1:30pm. On September 16th, we will be at Beckham Grill in Pasadena at 11:30am to 1:30pm.

The topics that will be discussed at these lunch & learn events include AECOSim Building Designer and Energy Simulator, InRoads update, ProjectWise, Navigator, Point Cloud processing, and a MicroStation update.

Come for a free lunch, time to network with colleagues in the area, and an update on all that Bentley is up to in the near future. It is a great opportunity for all. Contact Archway to RSVP as space is limited.

Upcoming Fall Academic-Only Webinars

In the fall, Archway will be hosting four hands-on webinars held from 9AM to 12Noon PST. These webinars are for **Academic** users only. The schedule for these webinars is listed below:

- **Bentley Navigator** — Thursday, Sept. 8
- **WaterGEMS** — Monday, October 3
- **InRoads** — Friday, October 28
- **STAAD.Pro** — Tuesday, November 15

If you would like to register for any of these webinars, please RSVP to Lauren@archwaysystems.com specifying which webinar you would like to attend.

AECOSim Building Designer

The new AECOSim Building Designer software is a great product to take care of all of your BIM needs. It is an efficient software that integrates interdisciplinary tools to ensure that your project is efficient, well done, and better than your competition. This integrated software is Bentley Architecture, Bentley Mechanical, Bentley Building Electrical, Structural Modeler, and Clash Detection, all running on top of MicroStation.

By implementing the interdisciplinary collaboration, generative design, and multiple levels of simulation, AECOSim Building Designer is set to be one of the best BIM software products on the market. This software can change the way you do Building Design because of the intuitive design process of collaboration. As the newest addition to the [AECOSim product family](#), AECOSim Building Designer is a great product to add to your Bentley software collection.

And, if you own MicroStation and any one of the modules listed above, i.e., Bentley Architecture, and have a SELECT subscription, you will be upgraded free to this software bundle once it ships in the next several months.

Contact Archway for more information on this new software or the bundled upgrade.

BeCareers Subscription List for Universities & Colleges

BeCareers has updated their list of products available through their Academic SELECT Subscription. The list has expanded to include the new AECOSim Building Designer and AECOSim Energy Simulator. Also added to the list is the Geostuctural Analysis (GEO5) software. These are great additions to the Academic SELECT Subscription list as it adds to an already impressive line of infrastructure software offerings that are used everyday by industry professionals.

For a full list of the Academic SELECT Subscription software, check out the Bentley website [here](#). Contact Archway for more information on how you or your school can take part in this Academic SELECT Subscription.



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Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Sandy Lazear	Accounting
George McMeans	Sales & Training in Nor. Cal.	Linda Grubb	Sales Manager
Mike Lazear	Programming & Support	Josh Lazear	Webmaster and Z Support
Phill Frye	Training & Consulting	Daniel Lazear	Sales
Greg Hamano	Training & Support	Lauren Jansen	Marketing & Sales
		Shannon Schoenberger	Marketing

REPORT

NorCal Bentley Bash 2011 Recap

August 19-20th, Archway was up in Northern California holding the latest Bentley Bash. This year was a blitz of 17 3-hour workshops presented at 3 locations within a 24 hour period. Workshops were delivered at Stanford CIFE, Cal State Sacramento and UC Berkeley on Friday afternoon and UC Berkeley all day Saturday. It was a great learning opportunity for all 105 attendees.

Teaching these workshops were some of Bentley's best instructors including, Joey LouAllen for InRoads, Bob DeFeo for AECOSim, Angela Bautista for Water Modeling (via webinar), and Sam Hendrick for MicroStation. Joining this elite team were Archway's own Greg Hamano for MicroStation, Mike Lazear for Point Clouds, Josh Lazear for ProjectWise and Navigator, and Tom Lazear for AECOSim. With this great team of instructors, all 105 attendees were sure to get the best that 3 hours and

Bentley software had to offer.

This Bash also was the first place that hands-on workshops on the new AECOSim product line were offered. Attendees of these sessions included experts from Lawrence Berkeley National Labs, including some of the developers of the Energy Plus technology. AECOSim Energy Simulator is based on Energy Plus 6.0 from the DOE, the very latest technology for precise energy modeling of buildings that includes latest in energy technology such as vacuum pipes, central plant and more. Features of 6.0 include: simulation of daylighting with controls for turning on and off; life cycle costing, comprehensive CO₂ analysis, central AC plant simulation, plus some parametrics for semi-optimization and double the speed of simulation.

The AECOSim Building Designer includes all of the disciplines in an integrated 3D system including structural, architectural, mechanical, electrical, and clash detection all based on the National CAD standards and National BIM standards. It provides an owner, agent to owner, or prime contractor with the ability to accept discipline models from software such as Revit, AutoCAD MEP, Tekla, and others, and then incorporate

those in a composite model where one or more disciplines is performed by the user. Composite drawings, clash detection and more can then be performed on the composite model. Owners of a license of MicroStation and any one of the current modules will be upgraded to an AECOSim Building Designer license for free. (Email Archway for more details on this great deal.)

ProjectWise and Navigator were presented, showing how more and more owners and contractors are implementing a managed environment. Navigator has the fastest growing user base of any Bentley software. Pointools Edit software was presented, handling point clouds in the billion point range with ease.

Missed out on this Bentley Bash? Look for information about our upcoming Southern California Bash at Rio Hondo in Whittier, January 21, 2012.



Tom Lazear of Archway presenting AECOSim Building Designer at Stanford CIFE on Friday, August 19th.



Joey LouAllen of Bentley presenting InRoads Storm and Sanitary at UC Berkeley on Saturday, August 20th.

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**) and S.F. Bay area (**BA**). Classes can be delivered on-site and online. Call or email Archway for the latest class schedule. For the latest Bentley courses, see also: <http://www.bentley.com/en-us/training/>

Upcoming MicroStation & Other Bentley Classes

- **MicroStation Essentials** — This 4-day 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. Starting with setting up a drawing and concluding with plotting, students walk through a typical workflow using the tools and features on the latest version of MicroStation. Cost is \$1400. Location: **HB & BA**
 - ◇ **HB Dates** — 9/27 to 9/30; 10/25 to 10/28; & 11/29 to 12/2
- **MicroStation for AutoCAD Users** — This course is specifically for experienced AutoCAD users wanting to transition their CAD knowledge to MicroStation skills. The student will learn a wide range of topics beginning with how to incorporate existing data from AutoCAD into a new design file. Cost is \$1250. Location: **HB & BA**
 - ◇ **HB Dates** — 9/7 to 9/9; 10/4 to 10/6; & 11/8 to 11/10
 - ◇ **BA Dates** — 9/12 to 9/14 & 10/17 to 10/19
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation V8i are covered in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$1025. Location: **HB**
 - ◇ **V8 XM to V8i SS1** — 9/13 to 9/14; 10/20 to 10/21; 11/21 to 11/22; & 12/19 to 12/20
- **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** — 9/20 to 9/23 & 12/6 to 12/9
- **MicroStation VBA Essentials** — In this course, users will learn the features of the Visual Basic for Applications (VBA) development environment specific to MicroStation. Cost is \$500. Location: **HB**
 - ◇ **Dates** — 9/27
- **MicroStation CAD Management & Administration** — In this course users will learn the skills and techniques necessary to manage a MicroStation-based design environment, with an emphasis on project management and standardization. Cost is \$2600. Location: **HB**.
 - ◇ **V8i SS2 Edition** — 11/15 to 11/18
- **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**.
 - ◇ **Dates** — 12/6 to 12/9
- **Bentley Building Suite (3D) and Bentley Architecture Fundamentals V8i** — This course allows users to learn Bentley Architecture software products in order to create 3D building projects. Cost is \$1250 Location: **HB**
 - ◇ **Dates** — 11/8 to 11/10
- **Bentley Navigator** — This course covers how to use Bentley Navigator for review analysis, mark-up, and distribution of results to project team members. Cost is \$500. Location: **HB**
 - ◇ **Dates** — 9/14 & 11/1
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. This hands-on training walks students through the project design cycle. Cost is \$1500. Location: **HB**
 - ◇ **Dates** — 10/18 to 10/20 & 12/6 to 12/8
- **ProjectWise V8i User Essentials** — In this course, users will learn to navigate the ProjectWise Explorer client, work with integrated MicroStation, AutoCAD, and Microsoft Office applications and to use the web interface. Cost is \$770. Location: **HB**
 - ◇ **Dates** — 9/30

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** — 9/20 to 9/22; 10/11 to 10/13; & 11/15 to 11/17
- **Rhino II** — This class will be an advanced version of the Rhino I class following more intricate processes at a faster work pace. It will cover the rest of Rhino's functionality which you do not cover in the first class. Cost is \$795. Location: **HB**
 - ◇ **Dates** — TBD

LinkedIn: Social Networking for Business

The social networking site, LinkedIn, is a great way to connect with other professionals in your industry. It is also a way to connect with other Bentley software users. Bentley has many groups within the social networking site that you can join to network with other Bentley software users, including user groups for MicroStation, ProjectWise, project managers, and more. These groups can provide you valuable connections for the future.

Also on the LinkedIn site there are job postings. This is a great way to get connected to the right people when looking for a job in this economy. It is easy to join LinkedIn and the basic version is free! Try it out today and start making those connections that just might help you get ahead or even find the right job for you.

If you're already a part of LinkedIn, search Archway Systems, and get connected with us today.

Microstation & Bentley Architecture Special

Want to get MicroStation and Bentley Architecture, but your boss says you don't have the budget for it? Too expensive to buy both? Not anymore!

Currently Bentley is offering a special bundle of software: MicroStation and Bentley Architecture for only \$3895! This is a fantastic offer. The list price of MicroStation by itself is \$4795 and Bentley Architecture is \$1495. To buy these products separately, it would cost you over \$6000!

However, with this great deal you are getting both products AND saving over \$2000! And with the required SELECT subscription, you will continue to get support and free upgrades throughout your annual subscription. This is an amazing deal that won't last for long.

Contact Archway today for more information on this great deal or to get a quote on how you can purchase this bundle before the deal is gone!

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
- Bentley Architecture & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- Hevacomp & Tas Software
- Solid Edge and applications
- Promis*e
- Pointools software and applications

3D GRAPHICS & ANIMATION SOFTWARE:

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

COMPUTER PERIPHERALS:

- Z Corp 3D Printers

SERVICES:

- Training
- Phone support
- On-site support
- 3D Printing
- Customizing
- Consulting
- Contract software development
- CAD file translation

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.

MyCADvideos.com

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

ZPrinters

Just like new Z 450! Now only \$18,000! Archway turns our demo machine at least once a year, and it is time for our demo 450 to go. If you purchase our printer and put it under warranty, it is just like a new printer. There is no difference. A used printer under warranty is the same to you as a new printer under warranty, only you save \$22,000. If you are looking for a printer, don't wait! First come, first served.

PRODUCTS

ZPrinter[®] 450

World's Most Automated and Affordable Color 3D Printer





\$18,000

\$39,000*



* Manufacturer's Suggested U.S. List Price for Printer only. Options, shipping, local taxes and duties not included.