

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- July 8** — Scan to InRoads DTM webinar
July 15 — AECOSim Building Designer webinar
July 15 — Be Inspired Design Contest Entry Deadline
Aug 19-20 — Northern California Bentley Bash in Sacramento, Palo Alto & Berkeley

Free Classes to SELECT Users

SELECT subscribers have OnDemand eLearning courses that are available on the Bentley LEARN Server at no cost to you. This is a great opportunity to take advantage of, especially if you are already on SELECT. Check out the list of OnDemand classes available [here](#). If you want to know more about the SELECT subscription, please contact Archway.

Northern California Bentley Bash Coming

Archway is heading up to Northern California August 19-20, 2011 for our annual Northern California Bentley Bash in Sacramento, Palo Alto, and Berkeley. This Bash will cover topics including MicroStation, ProjectWise, InRoads, Navigator, Point Clouds, Storm and Sanitary, and AECOSim.

There will be three Friday afternoon sessions: one in Sacramento, one in Palo Alto, and one at UC Berkeley. UC Berkeley will also have two sessions on Saturday: one in the morning and one in the afternoon. Lunch is also included on Saturday, and all of this for free! 30 day software licenses and training materials are all included.

This free day of training allows you to get your hands on some of the latest Bentley software! It is a great opportunity to network with other Bentley users in your area, or test out Bentley software before making a purchase. Come get a taste of what Archway and Bentley have to offer!

Please use this [form](#) to register or to find more information about the classes offered.

Be Inspired 2011 Design Contest—Open for Entries

The Be Inspired Design Contest is now open for entries! This contest is great for global exposure of your design project. The finalists all receive a trip to Amsterdam to present their projects to the judges. There are 20 different categories in which to enter including Innovation in Bridges, Generative Design, etc. For the full list of categories and their descriptions, click [here](#).

The main requirement for eligibility are that you use Bentley software products for the creation of your project. The deadline is **July 15, 2011**. For complete rules and eligibility please see [here](#).

Also if you *do* enter your project, be sure to let them know you heard of the contest through Archway! To do this, mark **Other** on #7 of your entry form about how you learned about the contest, and enter **Archway Systems, Inc.** on the line after it. And don't forget to let us know about it! Maybe we'll even feature your design in our next newsletter.

AECOSim Building Designer

The beta for AECOSim Building Designer, one of three products in the AECOSim family, will be released at the end of June. Because of this Archway will be teaching this software at the Northern California Bentley Bash in August. You don't want to miss out on the opportunity to see what Bentley has done with this software to make it better for your design projects and easier to use.

AECOSim Building Designer is an interdisciplinary software that has integrated tools for architectural, structural, mechanical, electrical, and construction documentation. This BIM software leads to a better design faster at a lower cost. By implementing collaboration, generative design and multiple levels of simulation, AECOSim Building Designer is set to be one of the best BIM software on the market.

To learn more about this new product and the rest of the AECOSim product line, check out the website [here](#). If you are interested in attending the Bentley Bash in Northern California in August, please contact Archway.



Find us on facebook

Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	Webmaster and Z Support
George McMeans	Sales & Training in Nor. Cal.	Daniel Lazear	Sales
Mike Lazear	Programming & Support	Stephen Peters	Building/Building Performance Sales
Phill Frye	Training & Consulting	Chris Grubb	Civil and Water Sales
Greg Hamano	Training & Support	Lauren Jansen	Marketing & Sales
Sandy Lazear	Accounting	Shannon Schoenberger	Marketing
Linda Grubb	Sales Manager	Bret Myers	Programming Intern

REPORT

Be Together Conference 2011

The annual Bentley User Conference: Be Together was held in Philadelphia, PA on May 23–26. The theme of the conference was “Sharpen Your Edge” and Bentley presented many new ways and opportunities for users to do so. With the ability to network with peers, tune up their skills, and attend multidisciplinary workshops and lectures, there was more than enough available to all the attendees to “sharpen their edge.” There were nine different conference tracks available including Roads and Bridges, Building, Structural, Water and more. Among these nine different tracks there were more than 350 sessions and workshops to attend and over 450 Bentley Institute Learning Units available.

There were two keynote speakers this year who spoke on new advantages from Bentley to give their customers and edge in the competitive market. Bentley CEO Greg Bentley was the first keynote speaker who focused on the “whys” of Bentley’s announcements. Bentley was followed up by SVP Bhupinder Singh who highlighted the “hows” of the new announcements.

Bentley talked about enhanced learning, the new AECOSim product family, the V8i release of gINT geotechnical data management



software, and more. Bentley talked about enhanced learning through the STUDENTserver, online classes (distance learning and on demand classes), and continued open enrollment classroom learning at training centers such as Archway. The AECOSim product family that Bentley discussed includes AECOSim Compliance Manager, AECOSim Building Designer, and AECOSim Energy Simulator. The AECOSim product family will be featured at the Northern California Bentley Bash 2011 at UC Berkeley August 18-20.

Bentley also discussed the integrated software delivery and new capabilities with Windows 7 which includes the new iWare apps that are free from Bentley’s website. This allows users to be able to use apps such as a DGN reader to be able to view DGN files anywhere. Also Bentley discussed the three “C’s” of integrated project delivery — collaboration, context and continuity

— which when working together well will help bring any project to end fast, better and efficiently.

Singh discussed the “hows” in his keynote talking about the many other new innovations from Bentley including design synchronization, building simulation, hypermodels, mobility, markup

synchronization, PDF orchestration, point cloud management, transmittals, and scalable terrain models. Hypermodels, one of the solutions emphasized by Singh, are 3D models that contain links to 2D plans of certain parts of a design. This way a user is able to see not only the finished 3D design of a project, but also the intricate 2D details of that project. The mobility that Singh discussed includes the ability for taking your projects on the go, such as on an iPad. Bentley has introduced ProjectWise Explorer for the iPad and Bentley Navigator for the iPad.

Overall the Be Together conference really helped the attendees “sharpen their edge” and get ahead with all of the new capabilities that Bentley is offering. To find out more about all of the announcements that were made, check [this](#) out to get a recap of Bentley and Singh’s keynote speeches as well as comments about the rest of the conference.

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** — 7/19 to 7/22; 8/2 to 8/5; 8/30 to 9/2; & 9/27 to 9/30
 - ◇ **BA Dates** — 8/8 to 8/11
- **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** — 7/6 to 7/8; 7/11 to 7/14; 8/9 to 8/11; 9/7 to 9/9; & 10/4 to 10/6
 - ◇ **BA Dates** — 7/25 to 7/27; & 8/22 to 8/24
- **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** — 7/27 to 7/28; 8/16 to 8/17; & 9/13 to 9/14
- **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** — 7/11 to 7/14 & 9/20 to 9/23
- **MicroStation Advanced User** — This course is intended for the experienced MicroStation user and focuses on the features of MicroStation designed to improve user and work-group productivity. Cost is \$1250. Location: **HB**
 - ◇ **V8i Edition** — TBD
- **Bentley Building Suite (3D) and Bentley Structural Fundamentals V8i** — This course allows users to learn Bentley Structural software products in order to create 3D building projects. Cost is \$1025 Location: **HB**
 - ◇ **Dates** — TBD
- **Bentley Rail Track Fundamentals** — This course introduces designers to use Bentley Rail Track Software for rail design projects. Cost is \$1360. Location: **HB**
 - ◇ **Dates** — 8/16 to 8/18
- **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 \$1800. Location: **HB**
 - ◇ **Dates** — 7/12 to 7/15
- **Drainage Fundamentals using InRoads** — This course introduces InRoads for Drainage Drafting and Design. This hands-on training walks you through laying out and designing drainage structures and more. Cost is \$1360. Location: **HB**
 - ◇ **Dates** — 8/2 to 8/4
- **Advanced Roadway Designer for InRoads** — This course is for advanced users of InRoads wishing to enhance their abilities in roadway design. Cost is \$1360. Location: **HB**
 - ◇ **Dates** — 7/26 to 7/28

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** — TBD
- **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** — 7/5 to 7/7

Bentley Bash ENCORE Review

This year marked the first year that Archway brought the Bentley Bash to LA at Pierce College. It was a great turnout for the first year with 100 students participating in the sessions. Sam Henderick and Ramir Legacion of Bentley joined a talented group of Archway instructors to provide a successful number of hands-on sessions for the students. It was a great networking opportunity for all involved including students of LACCD schools, local companies, and educators.

Some of the classes offered included Intro to MicroStation, AECOSim, Bentley Architecture, Point Cloud Processing, and more. This was the first time an AECOSim class was taught at a Bentley Bash and according to the instructors, Mike Lazear and Stephen Peters of Archway, it went very well.

Missed this Bentley Bash? Be on the lookout for next year's LA Bentley Bash or check out one of our other Bashes all over California.



Sam Henderick of Bentley teaching the Intro to MicroStation class



Mike and Stephen of Archway teaching the AECOSim class

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.