

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

July 20 — InRoads Workshop in Northern CA

July 27 — Archway Summer Road Show in San Diego

Summer Road Show Update

Archway's summer road show began in San Bernardino on June 25th. This road show features free lunch presentations on ProjectWise, Bentley BIM update, InRoads update, Haestad update and MicroStation SS2 update.

The next stop on our road show is set for July 27th in San Diego. It is being held at Andre's (1241 Morena Blvd., San Diego, CA 92110). Don't miss out on the latest of what is going on in Bentley. Join us to get updated with the latest information on Bentley software, network with local colleagues, receive a 30 day eval license CD of your software of choice, and enjoy a delicious free lunch!

The first hour (11:15AM to 12:15PM) will consist of ProjectWise Introduction and Status and a ProjectWise Navigator Demo. Then after lunch, (12:45PM to 2PM) BeTogether in a Nutshell, Bentley BIM update, InRoads update, Haestad update, Bentley Electrical applications, and MicroStation SS2 update presentations will all be given.

We hope you can make it to this one. It will be a great update on what is going on at Bentley right now.

Don't live in San Diego? Be on the lookout in future newsletters for the next locations of Archway's 2010 Summer Road Show throughout Southern California.

Space is limited for the San Diego event, so please RSVP as soon as possible to Lauren at lauren@archwaysystems.com

Northern California Bentley Bash

It's time again for the annual Northern California Bentley Bash! In August, Archway will be traveling up north to visit California State University, Sacramento and the University of California at Berkeley!

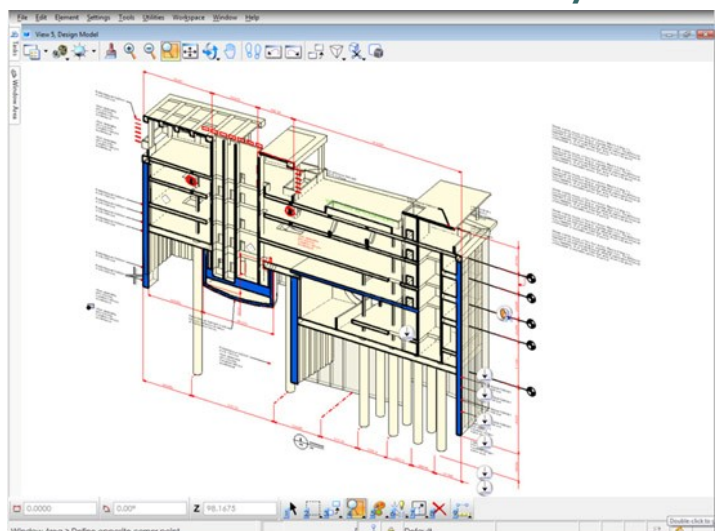
The first stop will be at Cal State Sacramento on Thursday, August 26th, 2010. Our second stop will be at UC Berkeley on Saturday, August 28th, 2010.

This will be a great opportunity for networking and keeping up to date with Bentley software. As always, Archway and Bentley are teaming up to bring you the best in free training for one day. Each Bash will consist of opportunities to take hands on classes with the latest Bentley software, for FREE!

Also, with a free lunch, you will be able to have time to connect and network with others in the same field. Whether you want to boost your skills in Bentley software or just want to learn something new, this is for you!

Look for more details in our next newsletter or contact Lauren at lauren@archwaysystems.com for more information about this amazing opportunity. You don't want to pass this up!

"Model Documentation" from Bentley



See Page 4 for Details

Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	Webmaster , Z Support and Programming
George McMeans	Sales & Training in Nor. Cal.	Daniel Lazear	Programming
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 Lazear	Marketing
Linda Grubb	Sales Manager		

REPORT

Be Together Report

Bentley did a great job with their annual user get together this year entitled Be Together, held at the Philadelphia Convention Center, May 16-20. The theme was *Triple Play* with each speaker deciding what that meant. Greg Bentley took it to mean:

- Infrastructure Investment,
- International Trade,
- Innovation in Technology.

Dhupinder Singh took it to mean:

- Information Model,
- Integrated Projects,
- Intelligent Infrastructure.

There were several hundred sessions with 1500 attendees. Several interesting facts were brought out:

- *Noteworthy:* 87% of top ENR 2010 Design Firms use Bentley.
- Bentley won awards from "Construction Computing."
 - ◇ MicroStation V8i won CAD Product of the year.
 - ◇ STAAD.Pro won Structural Analysis Product of the year.

- ◇ Generative Components V8i was runner up for overall Product of the year.

Celebrity keynote addresses were given by Katherine Leslie and Norbert Young.

Ms. Leslie is the President of Engineers without Borders, a philanthropic organization that facilitates engineers working in under developed countries.

Mr. Young is a recent publisher of ENR, who talked on Infrastructure trends. He highlighted six of them:

- Explosive expansion
- Stress on maintenance — Infrastructure is old
- Globalization — For example, the Panama Canal is being expanded to 3 times its capacity
- Demand exceeding supply for raw materials
- Upheaval in energy
- The need to make sustainability a top priority.

Some huge projects were presented:

- USACE \$51 billion,
- O'Hare Expansion,
- The London Crossroads project, to name three.
 - ◇ Crossroads is a most impressive project — 180km of new track, 21 km in tunnels right under London streets.
 - ◇ 30 engineering firms all using ProjectWise to control the estimated 300,000 files.

Bentley revenue dropped 4% during 2009 while the market was declining 7.1%, which means Bentley market share grew during the year.

Various new product releases during the year from the 25% of revenue which Bentley still invests in R&D. Also, there were several acquisitions during 2009 including Glint, the world leader in geotechnical software, Xor, a leader in linear asset management, and eB, a leader in nuclear plant facility management.

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 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**
 - ◇ **V8i SS1 Edition** — 7/13 to 7/16; 8/10 to 8/13; 8/31 to 9/3; & 9/14 to 9/17
- **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**
 - ◇ **XM Edition** — 8/18 to 8/20
 - ◇ **V8i SS1 Edition** — 7/28 to 7/30 & 9/29 to 10/1
- **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** — 7/6 to 7/7; 7/14 to 7/15; 7/20 to 7/21; 8/16 to 8/17; & 9/9 to 9/10
- **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 \$1350. Location: **HB**.
 - ◇ **V8i SS1 Edition** — 8/3 to 8/6
- **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. Providing lecture, demonstration and hands-on exercises, this class begins with a thorough examination of the DGN file, AccuDraw and ends with an introduction to importing and exporting CAD data from/to other CAD programs. Cost is \$1250. Location: **HB**
 - ◇ **V8i Edition** — 9/22 to 9/24

Other Upcoming Bentley Classes

- **ProjectWise V8i Essentials** — These courses help users understand how to use a project cycle, presenting management using ProjectWise Explorer or Navigator. Cost is \$800. Location: **HB**
 - ◇ **User**— TBD
 - ◇ **Navigator** — TBD
- **ProjectWise Administrator Client** — In this class, users will discover the latest updates and enhancements in ProjectWise V8i administration, focusing on the options available to administrators within the application. Cost is \$2100. Location: **HB**
 - ◇ **Dates** — 8/17 to 8/19
- **Bentley Building Suite (3D) and Bentley Fundamentals V8i** — These courses allow users to learn different software products in order to create 3D building projects. Cost is \$1025. Location: **HB**
 - ◇ **Structural** — 7/13 to 7/14 & 9/8 to 9/9
 - ◇ **Architecture** — 8/10 to 8/11 & 10/5 to 10/6
- **InRoads Fundamentals V8i SS1 and Advanced Roadway Designer** — These courses introduce civil engineering designers to using InRoads software for road design projects. This hands-on training walks students through the project design cycle. The Advanced class is for students already familiar with InRoads wanting to learn more. Cost is \$1360. Location: **HB**
 - ◇ **Fundamentals** — 8/3 to 8/5 & 9/22 to 9/24
 - ◇ **Advanced** — 7/28 to 7/30 & 10/19 to 10/21

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** — 9/15 to 9/17 & 11/16 to 11/18
- **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 \$695. Location: **HB**
 - ◇ **Dates** — 7/20 to 7/22 & 9/27 to 9/29

AECbytes Article on AIA Virtual Convention

The [AECbytes Newsletter #45](#) from June 24, 2010, discussed the AIA 2010 Virtual Convention and Expo. Within this article, Bentley's BIM solutions as well as their ProjectWise application were highly praised.

Bentley focuses on the interoperability of their products with others in the design and production stages of building. This is illustrated through their ProjectWise application which can work with many other products, such as Revit. ProjectWise has the ability to work with Revit, through Delta File Transfer technology, enabling better collaboration among a design team.

Also ProjectWise Navigator's ability to work with "i-models" through plug-ins for other programs, such as Revit, allows better collaboration as well.

In the article, one of Bentley's newest technologies was praised the most. The ability to have "model documentation" within the designs is a new interactive feature. This allows a designer to "place annotated drawings in real-world locations within models for interactive navigation."

Bentley is leading the pack with their outstanding interoperability within their products. Especially through their product, ProjectWise, interoperability and team collaboration are becoming more possible and less time consuming, whether all the designers on a project use Bentley BIM solutions or not. Bentley is opening themselves up to allow better team play so that the best energy solutions are implemented in our buildings.

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

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.

PRODUCTS

ZPrinter[®] 450

World's Most Automated and Affordable Color 3D Printer



\$39,900*

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

ZPrinters

Just like new Z 450 at half the price! 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 \$20,000. Two parties have already expressed interest. If you are looking for a printer, don't wait! First come, first served.