

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

Mar 18 — STAAD.Pro Online Academic Workshop

Apr 15 — Hevacomp Online Academic Workshop

TBD — ISM Online Academic Workshop
(Date Changed! Contact Archway)

BE Together is Here!

Mark your calendars for May 17th—20th, 2010. Archway will be joining Bentley in Philadelphia, PA for the annual BE Together Conference at the Pennsylvania Convention Center.

This is a large conference which is held every year for users of Bentley software. It is a chance to meet with experts from around the globe about the Bentley software you use daily. From live, interactive product tours, to hands-on workshops, project management techniques to interactive roundtables and panel discussions, this event should be a great opportunity for all in attendance.

This weekend consists of training, sub-conferences and a look at the latest Bentley applications. Training will be offered for many of the Bentley software products. There will also be many sub-conferences based on disciplines, including Roads and Bridges, Structural, Water, Building, Plant and more. Plus there is plenty of scheduled time for face-to-face networking.

There is something for everyone at this conference. You don't want to miss out on this amazing opportunity! And if you register before March 31st, you will only have to pay \$595! That means you save \$200 for registering early! Your registration fee includes full conference attendance for 3 days, evening networking events for 3 nights and breakfast and lunch for those 3 days!

Check out Bentley's [website](#) to register for this exciting event. Don't hesitate to contact Archway for more information. We look forward to seeing you in Philadelphia in May!

Bentley ProjectWise Dynamic Plot

A new technology is now available from Bentley which will keep paper as an important resource, even into the digital age! ProjectWise Dynamic Plot V8i creates a digital link between a digital design model and a paper plot of the design. This technology looks like a simple pen with which you can mark up and review the designs, whether in the office or out in the field.

Once these designs have been marked up with this special pen, it is then docked in a USB connected dock which then sends the information to the computer, opening the file which has been review. All of the markups made with the pen on the paper are then available on the actual digital design.

This technology helps to eliminate errors and speed up processing time of your designs. It takes only seconds to move your markups from paper to computer instead of days! It is a wonderful technology that is great for anyone who wants to speed up their production time.

Contact Archway for more information on this new technology.

Bentley Live e-Seminars

Bentley is continuously offering Live e-Seminars for many different disciplines and products. These are offered for Water and Wastewater, Civil, High Performance Green Buildings, High Performance Buildings Design, Generative Design, and Plant. Within each of these disciplines, many different software products are offered. For example, within the Water and Wastewater discipline, SewerCAD/SewerGEMS, PondPack, StormCAD and more are represented.

These seminars are a great way to learn about the many uses of Bentley software. Also, a great benefit, they are free! These live demonstrations followed by interactive question and answer sessions. There are also many OnDemand e-Seminars available. Check out all the information at [www.bentley.com](#) under their Be Connected Series.

Who's Who at Archway Systems

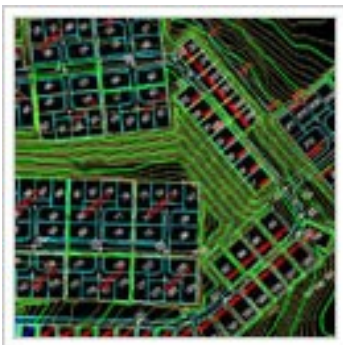
Tom Lazear	Administration, Sales & Training	Josh Lazear	Webmaster , Z Support and Programming
George McMeans	Sales & Training in Nor. Cal.	Daniel Lazear	Programming
Mike Lazear	Programming & Support	Stephen Peters	Application Engineer
Phill Frye	Training & Consulting	Chris Grubb	Civil Engineering Software
Greg Hamano	Training & Support	Lauren Jansen	Marketing & Sales
Sandy Lazear	Accounting	Shannon Lazear	Marketing
Linda Grubb	Support and administration		

REPORT

PowerInRoads and PowerGEOPAK

New to Bentley's lineup of products are the comprehensive, all-inclusive, PowerInRoads and PowerGEOPAK suite licenses. Both of these products deliver a comprehensive Civil Information Modeling solution in a single product. They include update features for a much broader capability for transportation work, roadway design, mapping, and more.

Both products run on the new Civil Power Platform (MicroStation, minus a few features, including mechanical features) instead of PowerDraft. It is more concentrated for Civil Design needs. Third party applications cannot run on top of it, but there are many Bentley products that can run on top of it through PowerInRoads and PowerGEOPAK.



Designed with GEOPAK

PowerGEOPAK is a powerful product which provides tools to gather, analyze and design 3D data while using MicroStation tools for detail drawings, printing, modeling, visualization, and rendering. It is focused for site design, as the normal GEOPAK is, but it is so much more in its entirety. It also includes tools for Roadway Design, Mapping, Earthwork, Remediation and more.



Designed with InRoads

PowerInRoads is a product which facilitates Civil Information Modeling through the optimization of traditional civil technologies and workflows. It is very similar to PowerGEOPAK except for the fact that is more focused for road design and the complexities of it. Within this suite of software, it includes so much more than just road design. It also includes Quantity Manager, Mapping, a broader capability for

transportation work, Resurfacing/Overlays, and more.

One license of either the PowerInRoads suite or the PowerGEOPAK suite gets you all these features at a fraction of the cost that it would be to buy all of these design tools separately. Also because it is all in one pack, you get the ease of only having to do one install, with one license. That means you do not have to spend as much time setting up the software, but can instead spend that time designing.



Designed with InRoads

With both of these new improved products and the new concentrated platform on which they run, they are set to be the best for Civil engineers' and designers' specific needs.

For more information on either of these amazing deals, contact Archway for current pricing and other information.

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**
 - ◇ **V8 XM Edition** — 3/9 to 3/12; 4/20 to 4/23; & 5/25 to 5/28
 - ◇ **V8i Edition** — 3/23 to 3/26; 4/27 to 4/30; & 6/8 to 6/11
- **MicroStation V8 XM for CAD Users** — This course is designed to ease the transition to MicroStation for experienced CAD users by continually giving parallel references, showing how MicroStation handles operations familiar to the CAD user. Cost is \$1250. Location: **HB**
 - ◇ **Dates** — TBD
- **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**
 - ◇ **Dates** — 3/30 to 4/1; 5/4 to 5/6; & 6/29 to 7/1
- **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** — 4/13 to 4/14; 5/11 to 5/12; & 6/15 to 6/16
- **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**.
 - ◇ **V8 XM Edition** — 4/6 to 4/9 & 6/1 to 6/4
- **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** — 3/17 to 3/19 & 6/22 to 6/24

Other Upcoming Bentley Classes

- **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**
 - ◇ **Architecture** — TBD
 - ◇ **Structural** — TBD
- **InRoads Survey Fundamentals XM Edition 8.9 with MicroStation** — This course introduces surveyors and designers to using InRoads Survey. This hands-on training walks students through software the project design cycle. Cost is \$1025. Location: **HB**
 - ◇ **Dates** — 3/30 to 3/31
- **Bentley Building Electrical Systems Fundamentals V8i** — In this course, students learn to design and edit with different tools with an emphasis on modeling electrical subsystems. Cost is \$1025. Location: **HB**
 - ◇ **Dates** — 3/16 to 3/17
- **VBA** — The first course (Getting Started) introduces MicroStation Visual Basic for Applications (VBA) by teaching you how to set up a VBA 'project' and much more. The second course (Professional) is intended for VBA programmers but who want more instruction. Location: **Online**
 - ◇ **Getting Started** — 3/8 to 3/9
 - ◇ **Professional** — 3/10 to 3/11
- **ProjectWise V8i User Essentials** — This one day course is for individuals who need to manage documents throughout a project cycle. Students will learn ProjectWise to manage CAD content, project data, Office documents and more. Cost is \$800. Location: **HB**
 - ◇ **Dates** — TBD

Upcoming Rhino Classes

- **Rhino I & II** — 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**
 - ◇ **I** — 4/6 to 4/8
 - ◇ **II** — 4/27 to 4/29

Bentley MicroStation User Groups

MicroStation User Groups are intended for users to get together and share ideas about their MicroStation products or events going on. They focus on helping you, as a MicroStation user, know about the practices going on around you. It has an open forum session in which you can share ideas and practices by which all can benefit.

At the moment there are two groups in the Southern California area which meet regularly, in the LA area and Orange County area. Also a third group is starting up in San Diego. These meetings are great opportunities to network with other MicroStation users and share ideas to better yourselves in your own market.

Contact Archway for more information on these groups and about dates for the upcoming meetings.



Rendered with Luxology within MicroStation by Kurt from Bentley.

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

New 3D printing products from Z Corp are transforming how schools, architects, designers and engineers are creating their 3D models. Offering full HD color and pure white models that only need water to cure, Z Corp is turning the 3D printing world upside down. There has never been a better time to purchase a new Z Corp Printer. If you need information, would like us to create a 3D model for you, or would like to purchase a new Z Corp Printer, please give us a call.