

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

May 13-16 — Bentley LEARNing Conference in Philadelphia, PA

May 21 — What's New in Pointools Webinar

May 23 — Bentley LEARNing Conference in a Nutshell Webinar

June 8 — LA Bentley Bash at Pierce College

Upcoming Webinars

On **Tuesday, May 21st from 10am to 11am** PST, Archway will be hosting a [What's New in Bentley Pointools V8i Webinar](#).

Come see what Bentley has done with the Pointools technology in the latest release of Bentley Pointools V8i. The update to Pointools Edit has a brand new look and many new features that illustrate Bentley's commitment to point cloud technology. This 1 hour webinar will focus on the new functionality and updated features of Bentley Pointools V8i that can dramatically enhance your workflow.

On **Thursday, May 23rd from 10am to 11am** PST, Archway will be hosting a [Bentley LEARNing Conference in a Nutshell Webinar](#).

Come see what you may have missed at the Bentley LEARNing Conference in Philadelphia.

Check out our other upcoming webinars on the [Events](#) page of our new website!

Did You Know?

Archway provides networking service, all the way from advice on how to improve your existing network to complete specification, purchase, implementation, and training. As companies grow, having all the company's computers talking with one another, having a central place for storage, and collaboration software can pay big dividends. In fact, in this day and age, a company probably cannot grow without networking.

Then, when companies are ready to step out as a lead on a teamed project like Design-Build, it is necessary to start thinking about software like ProjectWise. We are happy to provide free, initial consulting to help you see what your networking needs are.

LA Bentley Bash 2013 at Pierce College

The LA Bentley Bash 2013 is coming up soon! Archway and the Bentley User Group will be hosting the 3rd annual LA Bentley Bash at Pierce College in Los Angeles, CA on **June 8th, 2013**.

Save the date to join us for a day of **free** training classes. You won't want to miss out on these great 3 hour hands-on sessions about the latest in Bentley software. Classes include **Intro to MicroStation, Descartes and Point Clouds, MicroStation Tips & Tricks, InRoads Fundamentals, AECOSim Building Designer, ProjectWise** and more! For a full list, check out the [registration page](#).

With a free continental breakfast and lunch, the chance to win some raffle prizes, and great networking opportunities, you won't want to miss this exciting **free** day of training!

Check-in will begin at **8am** with the first session of classes from **9am - 12pm** and the second session of classes from **1pm - 4pm**.

[Register today!](#) You don't want to miss this exciting opportunity for **free** training!

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 is an annual program based on your SELECT renewal date, and is available to all who are current on SELECT.

Right now also, if you are in your SELECT renewal period, you can take advantage of a **limited time special offer!** You can add a **Bentley LEARN Passport** training subscription for just **\$995** per license, normally \$1495.

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. What are you waiting for? Contact Archway today!



Who's Who at Archway Systems

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

REPORT

Everyone is Going to Everything 3D

A very interesting development is happening in the CAD market today. There is a surge of companies suddenly diving into 3D. With all of these companies deciding that 3D is the way of the future, many employees are needing training in the new 3D software their companies are purchasing.

In the past, Archway has had a hard time filling our 3D classes, but over the past two months, we have delivered 3 MicroStation Everything 3D classes to a packed audience and we have four more on the schedule!

Government agencies, architectural firms and others are sending their engineers and designers to these classes. Some of the reasons for the surge include:

- There's an increasing interest in projects managed by the USACE which requires 3D BIM models in Bentley
- There's an acceptance of the fact that productivity actually improves when projects are modeled in 3D
- There's the homeland security factor, i.e. first responders need accurate, detailed information fast.

Archway has a full training schedule and offers several 3D



Different projects which all used the components of AECOSim Building Designer

classes including:

- **Everything 3D for MicroStation** — how to model surfaces, solids, meshes, and terrains
- **AECOSim Building Designer** — Architectural, Structural, Electrical or Mechanical 3D modeling
- **InRoads** — 3D Road and Highway Design
- **Rhino Level 1** — for 3D modeling of surfaces
- **Introduction to Solid Edge** — for machine design

For more information on all of these classes, check out our training

schedule on page 3 of this newsletter. You can also check out our LearnMicroStation.com site for up to date classes and signups for Bentley software training.

3D CAD is the way of the future and is making designs more accurate, efficient and sustainable. Don't miss out on this growing trend; call Archway today to get your 3D software training started!

Need more information on 3D classes or other training? Call Archway today for the most up-to-date schedule of classes available or to set up an on-site class for your company.

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 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** — 5/28 to 5/31; 7/9 to 7/12; 8/13 to 8/16; 9/24 to 9/27; 11/5 to 11/8; & 12/17 to 12/20
- **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** — 6/5 to 6/7; 7/16 to 7/18; 8/27 to 8/29; 10/8 to 10/10; 11/19 to 11/21
 - ◊ **BA Dates** — 5/28 to 5/30
- **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** — 8/21 to 8/22; 9/25 to 9/26; 10/30 to 10/31; & 12/10 to 12/11
- **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** — 8/6 to 8/9; 8/27 to 8/30; 10/15 to 10/18; & 12/3 to 12/6
- **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** — 6/25 to 6/27; 9/4 to 9/6; 11/12 to 11/14
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **HB**
 - ◊ **HB Dates** — 6/18 to 6/21; 8/6 to 8/9; 9/17 to 9/20; 10/29 to 11/1; & 12/10 to 12/13
- **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**
 - ◊ **HB Dates** — 6/11 to 6/14 & 10/15 to 10/18
- **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** — 6/25 to 6/27; & 9/4 to 9/6
- **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** — 6/5 to 6/6; 8/7 to 8/8; & 11/19 to 11/20
- **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** — 7/30 to 8/1 & 10/1 to 10/3
- **AECOSim Building Designer Structural - Creating Design Documentation** — This course is designed for users to learn drawing composition including creating building views, applying structural rules and creating sheets. Cost is \$500. Location: **HB**
 - ◊ **Dates** — 5/29
- **Bentley Map Fundamentals** — In this course users will learn how to create map models, use Map Manager, and how to manipulate the display, order and symbology of features as well as perform topology clean up and use topology creation tools. Cost is \$1350. Location: **HB**
 - ◊ **Dates** — 6/19 to 6/21; 9/18 to 9/20; & 12/17 to 12/19
- **ProjectWise User Essentials** — This course introduces students to ProjectWise Explorer for managing documents throughout a project cycle. Cost is \$500. Location: **HB**
 - ◊ **HB Dates** — 10/2 & 11/22

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** — 5/28 to 5/31; 7/24 to 7/26; 9/10 to 9/12; & 11/12 to 11/14

Introducing Quarterly License Subscriptions

Enterprise License Subscriptions (ELS) have been very popular with the larger engineering firms and owners because an ELS provides unlimited licenses of all Bentley products eliminating the need to go through the hassle of procuring every little piece of software. They are finding that engineering productivity improves tremendously because their engineers are able to get the right tool at the right time.

Well, now Bentley is introducing Quarterly License Subscriptions (QLS) which provide the same resource to smaller firms. QLS provide unlimited access to over 100 engineering software products for every discipline and even includes use of ProjectWise and on-demand training for your employees.

So if you are considering ProjectWise, as an example, are a growing company, or need other types of software, QLS may be your answer. Let us know if you are interested and we will get you a specific quote for your company along with a more detailed explanation of how QLS works.

Just want to know more? Call us today and we will be happy to answer any questions you have about how a QLS works!

Is Technical Training A Good Investment for A Company?

Steve Muench, PhD, PE, concludes, in [his study](#) of this topic, that it is among the best investments, even in tight economic times. It certainly applies to software training and Bentley LEARNing.

But how do you go about getting employees to learn more about the tools at their disposal that will lead to increased productivity? There are distance learning classes, on-demand online classes, open enrollment and on-site classes. There is also the new approach espoused by Sal Khan of the Khan Academy which is flipped classrooms. A flipped classroom is where you would watch videos (i.e. lectures) and take tests on your own time and come to class for working exercises and getting coaching from the instructor.

Archway's experience has been that face to face classes augmented by videos taken outside class is the best mix. Students can watch videos at their own pace to learn the basics and then get practice in class as well as coaching.

Want training? Check out Archway's training schedule on page 3 of this newsletter.

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.