

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Upcoming Events:

**June 8** — LA Bentley Bash at Pierce College

**June 18** — Rhino Webinar

**June 28** — InRoads Webinar

**July 4** — Archway closed for holiday

### Upcoming Webinars

On **Tuesday, June 18th**, from **10am to 11am PST**, Archway will be hosting a webinar on [What's New in Rhino 5!](#) If you are a Rhino user or are interested in Rhino 5.0, you won't want to miss this quick update on Rhino 5.0, including Gumball for quick editing and many more new features. [Register today!](#)

Also, with this webinar, we are offering a **Rhino Special** from now until **June 30th!** If you purchase Rhino 5 (regularly priced \$995) or upgrade to Rhino 5 (regularly priced \$495), you can get **up to 20% off!** Buy **one** and get a **10%** discount. Buy **two** and get a **15%** discount. Or buy **3 or more** and get a **20%** discount. **Call Archway today!**

On **Friday, June 28th**, from **10am to 11am PST**, Archway will be hosting a webinar on [Bentley InRoads V8i SELECTseries 3 and OpenRoads](#). The latest update to InRoads is now built on Bentley's OpenRoads technology and offers many new enhancements. To find out more on InRoads V8i SELECTseries 3 and the OpenRoads technology, join us for this 1-hour webinar that will cover these topics and a whole lot more. [Register today!](#)

### 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. We are happy to provide free, initial consulting to help you see what your networking needs are.

Archway also provides website services, from helping with design to implementation and training. Check out [ArchwaySystems.com](#) or [LearnMicroStation.com](#) for examples of our work. Call us today for a free assessment!

### LA Bentley Bash is Here!

On **Saturday, June 8th**, Archway with the Southern California Bentley User Group is hosting our annual LA Bentley Bash at Pierce College. Join us for this great, **free** event of hands-on learning and networking opportunities. Space is limited, so [register today!](#)

### Bentley's Newest Products

Bentley has been so busy developing and acquiring new products that you may have missed seeing something that could benefit your company. Here is a very brief reminder of new products over the last couple of years:

- **gINT** — For your geotechnical engineers. Great software for managing bore data.
- **Descartes** — An older product, but brand new functions for handling point clouds and more.
- **AECOsim Building Designer** — MicroStation, Architecture, Mechanical, Structural, Electrical, and Clash Detection all rolled into one.
- **AECOsim Energy Simulator** — Brand new release for minimizing energy use in a building.
- **OpenPlant** — The result of many years of development. A best of all past 3D plant products.
- **PowerRailTrack** — MicroStation, InRoads Engineering Suite, and InRail functions all rolled into one.
- **Bentley MAP** — 3D GIS especially good for engineered infrastructure
- **Bentley Navigator** — For project reviewer or manager and free if you have a MicroStation on SELECT
- **RAM Elements** — Easy to learn complete toolkit for the engineer
- **SACS** — Everything for offshore analysis and design

Need more information about any of these products? Let us know! We would be happy to help you find exactly the right product for your needs.



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## Who's Who at Archway Systems

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

## REPORT

## Bentley LEARNING Conference 2013

Last month, Bentley hosted the **Bentley LEARNING Conference 2013** (formerly Be Together) from May 13th through 16th in Philadelphia, PA. About 1000 users from around the world plus many Bentley colleagues were in attendance.

Attendees benefitted from over 200 sessions covering current subjects in six different tracks:

**Civil, Building, Geospatial and Point Clouds, MicroStation, Plant, and ProjectWise.** The **Civil** track was organized into four Learning Paths: **Bridge, Road, Transportation and Hydraulics/Hydrology.**

In addition to the sessions, the LEARNING Zone was open for several hours including a packed Tuesday evening event that also included "The LEARNING Bar" panels presentation in one corner.

Tom, Mike, and Danny Lazear from Archway also attended the Bentley User Group Officers reception on Monday evening as well



Attendees checking out new products in the LEARNING Zone.

as the Officers' breakfast on Tuesday. At the breakfast, Tom moderated a panel of User Group Officers including **Shawn Foster** from the Mid-Atlantic user group, **Carsten Ahm** from the Danish user group, and **Paddy Jordan** from the Raleigh, NC user group.



Attendees learning in one of over 200 sessions offered at Bentley LEARNING.

There were many highlights of this year's conference. The **GenerativeComponents Usability** workshop was run by Volker Mueller as he demonstrated a much improved, much more graphic user interface. Also attendees got a first look at a future version of MicroStation called **Parametric MicroStation.** There were many new features in

other products too including **InRoads SS3, Descartes,** which now includes point cloud functions such as tracing a line to identify a pipeline, **Open Plant Modeler,** and the latest **ProjectWise.**

Overall the conference was a great success. Many networking opportunities, new features to learn about new and existing products, and a look into the future of what Bentley is doing. All this for the benefit of Lifetime Learning. We can't wait to see what Bentley has in store for this upcoming year of new products, new features and more learning opportunities!

## 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](http://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** — 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** — TBD
- **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** — TBD
- **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** — 7/23 to 7/25; 9/10 to 9/12; & 11/12 to 11/14

## What Benefits Do Users Claim for ProjectWise?

For companies wanting to be the lead consultant on a team project, ProjectWise is becoming a necessity.

There are many benefits to using ProjectWise for your content management needs. ProjectWise is an engineering project team collaboration platform which helps teams improve quality, reduce rework and meet project deadlines. Proven on projects of all sizes to increase productivity and reduce costs, ProjectWise is the only solution that delivers multi-vendor, cross-discipline engineering content management, iterative closed-loop project review, and multi-channel engineering content publishing capabilities. Key benefits to ProjectWise are:

- It lessens the risk of errors by providing one single source of truth of work-in progress projects that can be accessed and worked on by the project's team. This ensures that the team is always working with the latest information.
- It reduces feedback time by allowing the team and reviewers to access the information and provide feedback immediately.
- It improves the quality of project information available wherever you go on many different devices in multiple formats.
- It helps reduce costs while providing better projects which can equal more revenue and outweigh the cost of

implementation.

Many companies have used ProjectWise for small and large projects alike. Anil Verma, for example, is a small company who implemented ProjectWise when they were a lead on a project. It has been a successful project for them and ProjectWise was the best way to implement content management for them.

While in Europe, one of the largest construction projects currently taking place in Europe, Crossrail, the new railway for London and South England, has over 1.5 million files in their database with over 2500 users accessing these files. It is a \$24 billion project to be completed in 2017. Without ProjectWise, this project could end up being more complicated and costly than it is already projected to be. With ProjectWise, team members can collaborate consistently on designs with feedback from reviewers without ever losing the integrity of the original design. It makes the process more efficient and cost-effective overall.

ProjectWise is a great solution and can benefit any company, large or small, with content management needs. Want to find out more about how ProjectWise could benefit your company? Call us today! We'd be happy to give you a free demo and initial consultation. Or check out these [videos](#) on Bentley. You will need to register once to watch them, but they are a great introduction to how ProjectWise can benefit you.

## 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.