

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Inside this issue:

Who's Who at Archway Systems	2
Report: Recap Bentley Bash 2013 at Pierce College	2
Training Class Schedule	3
ProjectWise Saves Time & Money	4
MyCADvideos.com	4

### Upcoming Events:

**July 31** — Bentley 2013 Update Lunch & Learn @ Gulliver's, Irvine, CA

**Aug 1** — Bentley 2013 Update Lunch & Learn @ Beckham Grill, Pasadena, CA

### Upcoming Lunch & Learns

Archway is hosting two Lunch & Learns to get you up to speed on the latest in what Bentley has to offer. The first Lunch & Learn will be held on **Wednesday, July 31st, 2013** from **11:30am to 1pm** at **Gulliver's in Irvine, CA**. The second Lunch & Learn will be held on **Thursday, August 1st, 2013** from **11:30am to 1pm** at **Beckham's Grill in Pasadena, CA**.

Did you know that there are now over 40 FREE applications from Bentley in the iWare series? Or that Bentley is developing a fully parametric version of MicroStation? Or that ProjectWise and Navigator were both elected top software products for 2012? During our time together, we will give you the latest Bentley news that we gleaned from the classes and presentations given at the recent Bentley LEARNing Conference. We will also be conducting short demos of some of Bentley's latest software releases like MicroStation, InRoads, Descartes, and AECOSim Building Designer. All that and a delicious lunch for **FREE!** Space is limited, so please **RSVP today** to [Lauren@archwaysystems.com](mailto:Lauren@archwaysystems.com) and please specify which location you will be attending.

### Rob Riley from Bentley Here July 29-Aug 2

Rob Riley, Sr. Applications Engineer to Bentley will be in Huntington Beach, CA (at Archway) the week of July 29th to Aug 2nd. Rob has experience with many Revit accounts and can show how Revit and ProjectWise work smoothly together with increased productivity and better managed projects. If you have time that week, Rob would be happy to stop by for a personal demonstration of how ProjectWise and Revit can work better for you. **Email [Linda](mailto:Linda) today to set up an appointment with Rob!**

### Upcoming Northern California Bentley Bash

It's that time of year again! Archway is teaming up with the Northern California Bentley User Group to bring you the fifth annual Northern California Bentley Bash **Friday and Saturday, August 16-17th, 2013!** This event offers you **two** days in **two** different locations of **free** training! You won't want to miss out on this exciting opportunity.

On **Friday**, we will be heading out to **Cal State Sacramento** all day bringing you a full day of classes. On **Saturday**, we will be at **UC Berkeley** bringing you another full day of classes.

Some of the software that we will be training on includes **MicroStation, Descartes, AECOSim Building Designer, InRoads**, and more in beginner and advanced classes. They will be offered in **3-hour, hands-on** sessions so you can get the most out of this **free** training. It is also a great opportunity to network and get to know other Bentley users. And you can join the **Northern California Bentley User Group!**

Stay tuned for more information including set locations and classes! Registration opens **soon!** For more information, or to be added to our mailing list to make sure you get our registration email, **call Archway today!**

### Archway Now Sells LumenRT

Archway is now officially a reseller of **LumenRT**. LumenRT works in MicroStation, AutoCAD, Revit and SketchUp. It is a complete system for transforming 3D models and designs into rich, nature-filled videos, images and real-time immersive media. With LumenRT you can:

- Surround your designs with thousands of plants, vehicles, animals and characters
- Perform lighting and time of day studies
- Package designs into immersive LiveCubes™ to share with clients and colleagues
- Author directly in the leading CAD, CG, and GIS systems

Check out this [video](#) or the [LumenRT](#) website for more information.



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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

### Recap: Bentley Bash 2013 at Pierce College

On June 8th, Archway Systems partnered with the Southern California Bentley User Group to put on the third annual LA Bentley Bash 2013 at Pierce College. It was a day filled with lots of free training, good food and great networking opportunities.

Two sessions of 3 hour hands on classes were offered to over 100 attendees. They made the most of them! With classes ranging from Intro to MicroStation and MicroStation Tips & Tricks to Basic ProjectWise, Descartes, and AECOSim Energy Simulator, it was a great and diverse day of study, interaction, learning and networking.

At lunchtime, attendees gathered on the grass area for lunch and some great giveaways including a \$100 Best Buy gift card! Tom Lazear, CEO of Archway Systems, gave a small presentation and introduced Brian Laird of Rick Engineering as the new president of the Southern California Bentley User Group.

The whole day was filled with great information from insightful teachers including



Intro to MicroStation Class with Sam Hendricks at the Bentley Bash 2013 at Pierce College

Dr. Dru Crawley for AECOSim Energy Simulation, Mark Ditko for the new OpenRoads Technology and Civil Cells, Sam Hendricks, our favorite MicroStation expert, and



Lunchtime Presentation at the Bentley Bash 2013 at Pierce College

so many more great Bentley and Archway instructors.

If you are interested in being a part of the Southern California Bentley User Group, please contact Archway for more information.

If you have any need of Bentley software or training of Bentley software, please contact Archway today! We would be happy to help you figure out what solution and product is right for your needs and get you trained and ready to go!

Missed this Bash? Join us at the next one! Our Northern California Bentley Bash is coming up **August 16-17th, 2013** at Cal State

Sacramento, UC Berkeley and Stanford. (See front page for more details) Or, if you're in Southern California, join us at our 2014 Southern California Bentley Bash at Rio Hondo Community College in Whittier, CA in the middle of **January 2014**. Stay tuned for specific dates and information regarding our future Bentley Bashes!

Overall this event was a great success and we would love to have your feedback to make next year's event better.

## 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** — 8/20 to 8/23; 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** — 8/27 to 8/29; 10/8 to 10/10; 11/19 to 11/21
  - ◊ **BA Dates** — 7/22 to 7/24; 8/26 to 8/28
- **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** — 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** — 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** — 8/5 to 8/8; 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** — 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** — 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** — 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** — 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** — 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

## ProjectWise Saves Time & Money

ProjectWise is not only used for architectural projects; it can be used for practically any discipline. According to a case study done by Bentley, AECOM used ProjectWise to finish its roadway design project in half the time it would normally take. They had to meet their challenge of finishing their project within 18 months when a project this size would normally take up to 36 months. They were not only responsible for creating two multi-directional interchanges, but also the design aspects of toll sites, turnarounds, bridge layouts, urban storm sewer design and more. In the end, they were 50% more efficient and returned 12 times their initial software investment, simply because they chose to use ProjectWise for their project management needs.

So how did it work for AECOM? They set up a small, on-site office from which to manage and coordinate resources from 20 different offices throughout the US and Canada, over 120 employees. The only way they could achieve this efficient of a

project from such a large span of people was through ProjectWise.

Because of the ease of ProjectWise for all of the designers and contractors, the errors were reduced and miscommunication alleviated because there was only one true document to work on. Plans didn't get lost in translation and all edits to the designs and projects were up to date always. This helped the project move along smoothly and efficiently; so efficiently, in fact that they finished in half the time that it would normally take to finish this size project. Because of productivity gains and travel reductions, they were able to save \$850,000!

ProjectWise can help make any project, large or small, more efficient, price-effective, and fast with reduced errors and frustrations because it helps everyone come together working efficiently on one project. Want to see how ProjectWise can work for you? Call Archway today to set up a demo! Also you can read the rest of AECOM's case study [here](#).

## 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:**

- LumenRT
- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley 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.