

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Upcoming Events:

- Oct 10** — AECOSim Building Designer eSeminar  
**Oct 15** — MicroStation SIG Q&A Session  
**Oct 29-31** — Year in Infrastructure Conference in London, UK  
**Nov 28-29** — Archway closed for Thanksgiving

### On Demand Webinar Available

Bentley presented a complimentary webinar hosted by Engineering News-Record which is now available to watch on demand.

Learn how CH2M HILL uses a comprehensive portfolio of open information technology systems to securely access and share asset and project data for large, cross-discipline projects. Maximizing the interoperability of Bentley applications. CH2M HILL can use available resources from globally diverse sources to create, integrate, manage, and share diverse information across the lifecycle of project-related activity from planning, design engineering and construction into handover to operations and maintenance.

Want to listen today? Fill out the form and listen to it [here!](#)

### New Descartes Fundamentals Training Class

Archway is offering a new training class on Bentley Descartes. This **Descartes Fundamentals** class will enable you to leverage the functionality found in Bentley Descartes and give you the skills required for your engineering, mapping and conversion projects that require the use of large images for creating hybrid maps, plan sheets, and other image rich documents.

This class includes topics such as raster formats, image selection and display, geocoordination, image vectorization and so much more. Our first class will be held on **February 11-14th, 2014** in our Huntington Beach training facility. This is a great class for those interested in using point clouds with their designs and for learning the functionality of Bentley Descartes. [Sign up today!](#) Or call Archway for more information.

### Bentley Update: Lunch & Learn

On Tuesday, October 1st, 2013, Archway held a Bentley Update Lunch & Learn at the Butcher Shop Steakhouse in San Diego, CA. This update included Mike Lazear of Archway presenting the latest information about MicroStation, ProjectWise, iWare apps and more.

Also Dr. Dru Crawley was there to present on AECOSim Energy Simulator as well as Jeff Martin to present on OpenRoads. Jeff Martin talked about DoctorRoute.com which has information about the new Open Roads technology from Bentley. Also on the site is a link to a Getting Started with Open Roads Technology V8i (SELECTseries 3) training that can help you get to know this new technology and get started using it.



Mike Lazear presenting the Bentley Update at the October 1st Lunch & Learn in San Diego, CA

### AECOSim Building Designer

On **Thursday October 10th, 2013**, Bentley is hosting a complimentary eSeminar to learn how upgrading to AECOSim Building Designer will help you achieve Building *Success*. The eSeminar is being held at 11am BST (London) which is 3am PST. To receive the recording of the eSeminar, simply register for it and you will still get all of the valuable information

AECOSim Building Designer is a single information modeling software application for multi-discipline building teams that provides a comprehensive set of tools for architects, structural, mechanical, and electrical engineers in order to effectively design, construct, document, and visualize buildings of any size and complexity. [Sign up today!](#)



## 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

## MicroStation Special Interest Groups

Many online learning systems have recently switched to a flipped classroom style of learning. Probably most famous for this style of learning, Khan Academy has been quite successful at running a flipped classroom style learning program.

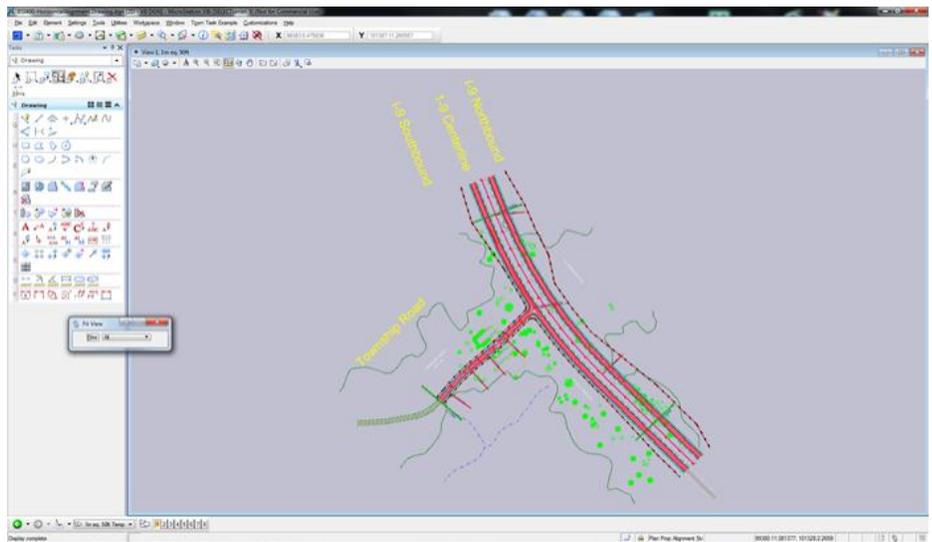
### What is a flipped classroom?

This is where all lecture is done via videos at home, or where you would normally see homework. Then any in-class time is used to practice the topic, for example math problems or comprehension questions in elementary schools, etc.

### How does a flipped classroom apply to Bentley?

We are taking this style of learning and applying it to online MicroStation Special Interest Groups (SIGs). Archway will be hosting MicroStation SIGs regularly on different topics to enhance the Bentley user community and bring you more learning opportunities.

The first of the **MicroStation SIGs** will cover an introduction to MicroStation 2D and will consist of a set of videos for you to watch and a discussion time set with a Bentley expert to answer any questions you have about the videos and work through any of it you may have had a hard time with. This way you have specific questions already laid out and the discussion time can be more directed than if you were simply watching a demo or webinar. This first **Live Q&A session** will take



MicroStation 2D drawing

place on **Tuesday, October 15th at 11am PST.**

It is an innovative way to learn and has worked well for many people, allowing you to watch videos at a faster speed if you already know most of the content, or re-watching the videos multiple times to make sure you've understood the concept. This works for individual learning styles, and allows you to form questions before you even come into the Q&A session. You will know what you need to ask and our experts will be there to help answer these questions. And because there will be others in these Q&A sessions, you can learn from other users who may have different questions you hadn't thought of.

Overall, this type of learning is great for everyone as it builds your

knowledge as a user individually as well as building up the community of users.

And just to make this online event even better, the **MicroStation SIGs are free!** You can come, learn, ask questions, and network with others using MicroStation too! A great opportunity, at **no cost to you!**

Join us in participating in this first **MicroStation SIG on October 15th at 11am PST** and then come back for more as we host more topics in the coming months. [Register today!](#) Need help signing up for a Bentley account in order to register for the MicroStation SIG? Watch this helpful [video!](#)

Have suggestions on what topics we should cover? We'd be glad to take them into consideration. Just send us an email.

## 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 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** — 11/5 to 11/8; 12/17 to 12/20; 1/28 to 1/31; 3/4 to 3/7; & 4/15 to 4/18
- **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** — 10/8 to 10/10; 11/19 to 11/21; 1/7 to 1/9; 2/18 to 2/20; & 4/1 to 4/3
  - ◊ **BA Dates** — 10/21 to 10/23; 11/18 to 11/20; & 12/9 to 12/11
- **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** — 10/30 to 10/31; 12/10 to 12/11; 2/19 to 2/20; & 5/1 to 5/2
- **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** — 10/15 to 10/18; 12/3 to 12/6; 1/21 to 1/24; & 3/11 to 3/14
- **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** — 11/12 to 11/14; & 2/5 to 2/7
- **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; 1/7 to 1/10; & 3/25 to 3/28
- **MicroStation VBA Essentials** — In this course, users will learn the features of the Visual Basic for Applications (VBA) development environment specific to MicroStation. Cost is \$500. Location: **HB**
  - ◊ **HB Dates** — 1/21 & 4/8
- **MicroStation for Animation** — This course covers how to animate in MicroStation 3D. Cost is \$1100. Location: **HB**
  - ◊ **Dates** — 1/27 to 1/28 & 3/17 to 3/18
- **MicroStation for Rendering** — This course covers how to use the Luxology rendering engine in MicroStation. Cost is \$1100. Location: **HB**
  - ◊ **Dates** — 1/29 to 1/30 & 3/19 to 3/20
- **AECOsims Energy Simulator** — This course takes you through the AECOsims 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** — 1/22 to 1/24; & 4/9 to 4/11
- **AECOsims 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** — 11/19 to 11/20
- **AECOsims Building Designer Architecture** — This course is designed to help users understand the Architecture features available in AECOsims Building Designer. Cost is \$1500. Location: **HB**
  - ◊ **Dates** — TBD
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **HB**
  - ◊ **HB Dates** — 10/29 to 11/1; & 12/10 to 12/13
- **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 topology features. Cost is \$1350. Location: **HB**
  - ◊ **Dates** — 12/17 to 12/19; & 2/26 to 2/28
- **ProjectWise User Essentials** — This course introduces students to ProjectWise Explorer for managing documents throughout a project cycle. Cost is \$500. Location: **HB**
  - ◊ **HB Dates** — 11/22; 2/13; & 4/17
- **Descartes Fundamentals** — This course is for users wanting to learn Bentley Descartes for use with point clouds. Cost is \$1000. Location: **HB**
  - ◊ **Dates** — 2/11 to 2/14

### 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** — 11/12 to 11/14; 1/29 to 1/31; 3/26 to 3/28

## Southern California Bentley Bash 2014: Save the Date

Our annual Southern California Bentley Bash is coming up on **January 17-18th, 2014** at **Rio Hondo Community College** in **Whittier, CA**. This is a fantastic event that has been praised by attendees for the past 5 years. It is a great opportunity to take advantage of **free, hands-on** learning while networking with other Bentley users. New to Bentley software? This is a great way to get to know the software and see it firsthand before jumping in.

As always there will be great classes offered including the most popular **Introduction to MicroStation**, as well as other classes discussing software such as **InRoads, ProjectWise, Descartes, AECOsim Building Designer, AECOsim Energy Simulator** and more! With great instructors from Archway and Bentley, it is bound to be our best Bash yet!

As always it is a **free** event, includes lunch on Saturday and at least one session Friday and two on Saturday. Details are still coming together, but save the date, **January 17-18th, 2014**. You won't want to miss out on this event. Mark your calendars now and look in future newsletters for registration information closer to January! Hope to see you there!

## Year in Infrastructure Conference

Bentley's annual **Year in Infrastructure Conference** is coming up in **October 29-31, 2013** in **London, UK**. This event is sure to be a great one with the *Be Inspired* Awards presentations starting off the conference.

There are five different Summits that you can be a part of at this conference including presentations, workshops and interactive sessions in each: **The Innovations for Buildings Summit, International Rail and Transit Summit, The Project Delivery Summit, The Power Delivery Summit, and The Asset Performance Management Summit**.

Also there are some featured keynote speakers including **Sir John Armitt**, Chairman of the Olympic Delivery Authority and Chairman of National Express, **Pedro Miranda**, Corp. VP of Siemens AG and Head of the Global Center of Competence Cities, **Andrew Wolstenholme OBE**, CEO of Crossrail Ltd., and **Peter Hansford**, Chief Construction Advisor to the UK Government.

This will be a fantastic event you don't want to miss out on. [Register today!](#)

## 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.