

The Arch Way



The Newsletter for Friends of Archway Systems

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Holiday Greetings from Archway:

Merry Christmas and Happy New Year from all of us here at Archway.

We hope you are blessed this holiday season and get to spend time with family and friends.

See you next year!

Upcoming Events:

- Dec 17 — MicroStation 3D Quickstart SIG
- Dec 25 — Archway closed for Christmas
- Jan 1 — Archway closed for New Year
- Jan 14 — Point Cloud to BIM SIG
- Jan 17-18 — SoCal Bentley Bash 2014 @ Rio Hondo CC in Whittier, CA

Very Limited Time Deal: Point Cloud Software

If you are interested in [Bentley Pointtools V8i](#), [Bentley Descartes V8i](#), or [AECOSim Building Designer V8i](#), **act now!** Bentley has a limited time only deal now through **December 13th**. You can save **20%** on these industry-leading point cloud software products (license only, not SELECT).

Easily edit and manipulate point clouds, and generate building information models with industry-leading software today!

Want to know more? Contact Archway and we'd be happy to help you figure out how this software can help make your projects **more efficient** and **cost effective**. But you have to **hurry!** This deal is **only good** for the **this week!**

Call today!

Now Representing Stratasys 3D Printers

Archway is now representing Stratasys 3D printers including the **Idea Series: Mojo, UPrint, and UPrint+**, and also the full line of higher end **Objet printers**.

Stratasys is the clear leader in 3D printing with a printer suited for **every need**. Prices start at **under \$10,000**. Stratasys printers produce clean, easy, fast, **real plastic parts** and models. Nothing beats feeling and seeing your designs in 3D for confidence and assurance.

Archway has **over 8 years of experience** in 3D printing with architects, product designers, jewelers, engineers and manufacturers as customers. Let us help you get the printer best suited to your needs.

Call us or email [Tom](#) for a **quick, no cost analysis** of your needs and a best price quote.

Also take part in our **introductory offer!** Because we are just starting up with this new line of printers, we're giving you a **10% discount** on all printers. This offer is only good through **December 31st**, so you better hurry!

Get yours today for **additional tax savings**, as capital purchases in December can be 100% expensed against 2013 profits! But you have to act now!

Call us today!



Stratasys Mojo Desktop Printer. See how you can get yours today! Contact Archway for more information.

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

MicroStation SIGs: Meeting a Need

The Bentley/Archway **MicroStation Special Interest Group (SIG)** events have hit a nerve center. Tom Foster, an architect in the UK, in his November 27th post on BeCommunities says, "I want to give grateful thanks and appreciation to the BentleyLearn Trainers and online material—both the Bentley in-house ones, and the Archway Systems guys who are providing the SIG classes."

The SIG meetings are a different kind of learning experience utilizing the "**flipped classroom**" approach made famous by Sal Kahn of the Kahn Academy. The person who wants to learn is first directed to available, free, online material such as a video or tutorial. After studying that material, the person attends a scheduled one hour webinar where questions are answered and some of the material is demonstrated. This allows the learner the greatest freedom in when to study the material and only requires an hour of scheduled time.

The process simply works. **People learn** and the **cost is free**. Attendees earn Bentley Learning Units, which are then available on a transcript which can be very valuable when applying for a job.

So far we have hosted

3 SIGs on topics like **Introduction to MicroStation, AccuDraw, and Visualization for Civil Engineers**. Any of our past SIG sessions are available as recordings on request. So if you missed one of our first ones, please let us know and we will send you the recording.

We have three more SIGs on the schedule, coming up quickly.

- **December 17th**—MicroStation 3D Quickstart
- **January 14th**—Point Clouds to BIM using Bentley Pointools, Descartes and AECOSim Building Designer

These dates are for the live sessions to have your questions answered, so you want to sign up now to get access to the free online material so you can study up before the live sessions. For each of these dates, there are two sessions available: **8am PST** and

3pm PST.

The **ProjectWise for MicroStation Users SIG** will focus on how to access ProjectWise from MicroStation, ProjectExplorer, and Navigator including iModels and iModel Composer.

The **MicroStation 3D Quickstart SIG** will focus on the basics of how to use MicroStation for 3D projects and designs.

The **Point Clouds to BIM SIG** will cover how to use Bentley's point cloud software Bentley Pointools, Descartes and AECOSim Building Designer to use point cloud technology for your current building needs for design projects or even as built designs.

To register for any of these SIGs, please go to [BentleyLEARN](#). We plan to have more in the future and some of the subjects we may

cover include: iWare apps, Bentley Navigator, Clash Detection, Schedule Simulation, Quantity take-off of items, Tags, BentleyMAP, SelectServer, Introduction to Customizing MicroStation and more. Please let us know which of these, or other topics, you'd like to see covered in future MicroStation SIGs.

Bentley LEARNserver where you can sign up for MicroStation SIGs and access the free video content prior to the live session.

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 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** — 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** — 2/18 to 2/20; & 4/1 to 4/3
- **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** — 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** — 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 \$1500. Location: **HB**
 - ◊ **HB Dates** — 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** — 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
- **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** — 1/22 to 1/24; & 4/9 to 4/11
- **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** — 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** — 2/4 to 2/7; & 4/8 to 4/11
- **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** — 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** — 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** — 1/29 to 1/31; 3/26 to 3/28

Southern California Bentley Bash 2014

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, AECOsims Building Designer, AECOsims Energy Simulator, Open Roads technology, RAM Structural, Rail Track, Bentley Map Mobile**, 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 one session Friday and two on Saturday. Over **30 classes** will be offered this year! Also we have a great keynote speaker coming for Saturday's lunch, **Santanu Das**, Senior Vice President of Bentley Systems and the head of software development at Bentley.

Join us **January 17-18th, 2014!** You won't want to miss out on this event. Mark your calendars now. Registration will open later in December and the link will be in the January newsletter. Hope to see you there!

Descartes Fundamentals 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.

Limited Time Offer: Structural Software

If you are interested in [ProStructures V8i](#), which includes **ProSteel V8i** and **ProConcrete**, **act now!** Bentley has a limited time only deal now through **December 13th**. You can save **20%** on this industry-leading structural software product.

Take your structural BIM models to the next level of detail and coordinate them with fabrication. Bentley can help you do what you do best, better!

Want to know more? Contact Archway and we'd be happy to help you figure out how this software can help make your projects **more efficient** and **cost effective**. But you have to **hurry!** This deal is **only good** for the **this week!** **Call 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
- AECOsims Building Designer & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOsims 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.