

The Arch Way



The Newsletter for Friends of Archway Systems

VOLUME 23, NUMBER 1

JANUARY 14

Archway Systems, Inc.

Southern California:
2134 Main St, Ste. 160
Huntington Beach, CA 92648

Phone: 714-374-0440
Fax: 714-374-0301
tom@archwaysystems.com

Northern California:
56 Nicholl Ave
Point Richmond, CA 94801
510-231-0502
gmcmeans@egs-inc.com

WWW.ARCHWAYSYSTEMS.COM

WWW.VERSACAD.COM

Inside this issue:

Who's Who at Archway Systems	2
Report: SoCal Bentley Bash 2014 is Coming	2
Training Class Schedule	3
Stratasys 3D Printers	4
Descartes Fundamentals Class	4
Archway Sells LumenRT	4
MyCADvideos.com	4

Upcoming Events:

Jan 14 — Point Cloud to BIM SIG
Jan 17-18 — SoCal Bentley Bash 2014 @ Rio Hondo CC in Whittier, CA

Mojo Printer Special

Archway with Stratasys is offering a **BASH only** special pricing. For attendees of the Bentley Bash, the Mojo printer plus materials and warranty is available for a special price of **just \$9900!** It is regularly listed at **\$13,294.** That's **nearly a \$3500 savings!** This deal is only good through **March 31st, 2014.** But remember this deal is only for **Bentley Bash attendees!** So [register today!](#)

ProjectWise New Year Special

ProjectWise can pay for itself on your first project! Position yourself as lead consultant or lead on a design build project by implementing ProjectWise, the collaboration software used on majority of successful large projects around the world.

For a limited time only, Archway is holding a 2014 New Year special! It includes the subscription for ProjectWise Integration software, first year of software maintenance, support, installation, user training and one day of startup coaching. One low price that includes travel within Southern California (travel outside of Southern California costs extra). This offer is good through March 31, 2014!

Make the best of your new year with ProjectWise! Email or call Archway today for more information on our low price special and a free, no obligation analysis of your needs, costs and benefits for implementing ProjectWise plus a formal quote for your installation!

Want to try it before you buy? Come to our Bentley Bash at Rio Hondo In Whittier, CA on Jan 17th-18th for any of three hands-on, no cost workshops on ProjectWise! [Register today!](#)

New VBA Basics to Advanced Class in February

Archway is now offering a new **MicroStation VBA class—Basics to Advanced.** This is a **two day class** which orients students to the features of Visual Basic for Applications (VBA) development environment specific to MicroStation. This includes emulating common user tasks such as locating elements and performing global changes to design file contents. Students will learn how to make efficient use of the VBA Interactive developer environment, including the macro recorder and the Visual Basic Editor. The course provides an essential foundation for the design, development and deployment of MicroStation VBA macros automating fundamental operations in MicroStation.

The class is coming up on **February 11-12th!** [Sign up today!](#)

Southern California Bentley User Group Board Members

This year we are introducing two new members to the board of the Southern California Bentley User Group. **Vernon Jensen** of **CMDS** and **Neil Norberg** of **MWD** are joining the board. They join **Brian Laird** of **Rick Engineering**, the **Chairman** of the User Group Board, as well as **Marc Miller** of **HDR** and **Tom Lazear** of **Archway Systems** as board members.

The Southern California Bentley User Group puts on a few events during the year including the annual **Southern California Bentley Bash** and quarterly user group meetings throughout the year. They keep the Bentley user group updated on what's happening in Bentley and the latest in their software developments.

If you would like to join the User Group or are interested in becoming part of the Board, please contact Archway.



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

SoCal Bentley Bash 2014 is Coming Up

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.

On **Friday afternoon**, there will be **one session** held from **1:00pm to 4:00pm**. After the session, **Zack Richter** from **Stratasys** will be doing a 30 minute demo of **Stratasys' Mojo 3D Printer** from **4:15 to 4:45pm**. This is a great opportunity to see this revolutionary technology in action and see how you could utilize it for yourself!

On **Saturday**, there will be **two sessions** held plus a **keynote speaker**, door prizes, and complimentary lunch and continental breakfast. The Saturday **morning session** will be from **8:45am to 11:45am** and the **afternoon session** will be from **1:30pm to 4:30pm**. **Lunch** and **keynote speaker** will be from **12:00pm to 1:15pm**. Sign up for one, two or all three sessions



Lunch time Keynote & Door Prizes from SoCal Bentley Bash 2013

during the weekend to make the most out of this free learning and networking opportunity.

As always, there will be great classes offered including the most popular **Introduction to MicroStation**, as well as other classes discussing topics such as **InRoads, AccuDraw, ProjectWise: Basics and Advanced, Descartes, AECOsim Building Designer, Customizing MicroStation using VBA, Open Roads technology, Rail Track, Pointools, Open Plant** and so much more! New this year, we are offering a class on **RAM Structural!** With great instructors from Archway and Bentley, it is bound to be our best Bash yet!

We also will be having a couple of guest instructors including **Vernon Jensen of CMDS** and **Neil Norberg from MWD**. **Vern Jensen**

will be teaming up with **Archway's Danny Lazear** to bring you a **Point Clouds: Scan-to-BIM** class which will include a **live point cloud scan** done during the class! **Neil Norberg** will be bringing you **ProjectWise Integration with Drawing Title Blocks and Office Properties**. This class will be great for understanding how to setup automated placement of ProjectWise attributes and properties

directly into the title blocks of dgn and dwg files along with MS Word documents through the creation of relationships between drawing tag sets, ProjectWise information, ProjectWise Environments and Office document properties.

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. He was the founder of the company which created STAAD.Pro, one of the leading general purpose FEA products

Join us **January 17-18th, 2014!** [Register today!](#) Spots are filling up fast and you don't want to miss out!

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** — 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** — 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** — 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** — 4/8
- **NEW - MicroStation VBA Basics to Advanced** — This course covers the features of Visual Basic for Applications (VBA) development environment specific to MicroStation from the most basic to advanced features. Cost is \$1000. Location: **HB**
 - ◊ **Dates** — 2/11 to 2/12
- **NEW - 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
- **NEW - 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
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **HB**
 - ◊ **HB Dates** — 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
- **NEW - 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
- **Advanced Roadway Designer for InRoads** — This course is for advanced users of InRoads wishing to enhance their abilities in roadway design. Cost is \$1500. Location: **HB**

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

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.



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

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.

Archway Sells LumenRT

Archway is 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, and Author directly in the leading CAD, CG, and GIS systems. Check out this [video](#) or the [LumenRT](#) website for more information.

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
- 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.