

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- Feb 11** — MicroStation Tips & Tricks SIG
- Mar 11** — A-Z Printing & Plotting SIG
- Apr 1** — User Group Meeting at Rio Hondo
- Apr 2** — User Group Meeting at HDR
- Apr 3** — User Group Meeting at Rick Engineering

New Jobs Page on our Website

Looking for a new job? Check out our new [jobs posting page](#) on our website. Here you can find jobs that companies have listed looking for people with expertise in Bentley software!

Are you an employer looking for people with expertise in MicroStation or other Bentley products? Go to our [jobs page](#) and fill out the form on the right to post your open job to our page.

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!

Upcoming User Group Meetings

Save the Date! The Bentley SoCal User Group Meetings are coming up **April 1st, 2nd and 3rd!**

- **Tuesday, April 1st** — at Rio Hondo Community College in Whittier, CA
 - **Wednesday, April 2nd** — at HDR in Irvine, CA
 - **Thursday, April 3rd** — at Rick Engineering in San Diego, CA
- All meetings will run from **6-8pm**. The topic is yet to be determined, but check back in our March newsletter for more information!

Tentative SIGs Schedule

We have a full lineup of **MicroStation Special Interest Groups (SIGs)** for the year! They will continue as they have before using the flipped classroom style. Once you sign up, you'll have videos you can watch to learn on your own. Then there will be a **live Q&A session** that takes place on the dates listed below. There will be two Q&A sessions for each topic. One at **8am PST** and one at **3pm PST** on the same day.

- **Feb 11th** — MicroStation Tips & Tricks
- **Mar 11th** — A-Z Printing and Plotting
- **Apr 8th** — Interoperability including File Translation Mapping
- **May 13th** — Controlling Raster References
- **June 10th** — Configuring MicroStation
- **July 15th** — Free iWare and Plug-ins
- **Aug 12th** — Easy ways to Customize MicroStation
- **Sept 9th** — Reference Files A-Z
- **Oct 7th** — Sheet Setup for Easy Plotting and Publishing
- **Nov 4th** — MicroStation Variants
- **Dec 9th** — Geocoordination

These topics are tentative and subject to change. Check out our website for more information and registration when it becomes available!



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 Recap

We had another great year at the **SoCal Bentley Bash 2014** at Rio Hondo Community College on **January 17th-18th, 2014**. This year over **30 hands-on sessions** on over **20 topics** were given during the weekend. Over **240 people** attended Friday and Saturday.

Classes included topics ranging from **Introduction to MicroStation** to **Advanced RAM Structural Systems**. We also were excited to bring back **Vern Jensen** of CMDS for a live point cloud scan for his **Point Clouds: Scan-to-BIM Workflow** class. We also had the privilege of welcoming **Neil Norberg** from MWD and the User Group with his **ProjectWise Integration with drawing Title Blocks and Office Properties** class.

As we have had in the past, feedback has been great. Attendees

like the opportunity to learn for free, the User Group likes the publicity and Bentley likes the community it creates. Overall this Bentley Bash was a win for everyone.

Along with the classes offered, we had the privilege of welcoming **Santanu Das** as our keynote speaker during the lunch time. He gave a dynamic view of Bentley's vision and strategy which all seemed to enjoy and get excited about.

On Friday afternoon, the attendees had the opportunity to see a demo of **Stratasys' Mojo 3D**



Zack Richter of Stratasys during his demo of the Mojo 3D desktop printer.

desktop printer from **Zack Richter** of Stratasys. This is a very cool technology as it is the lowest priced professional 3D printer that is able to be placed on your desk and print quietly and efficiently for all your 3D model needs.

From students and professors, to professionals of large corporations, the Bentley Bash has been beneficial for everyone who attends. The community and networking that takes place is an added bonus to the learning of Bentley software for free!

We'd like to thank our sponsors for this year's Bentley Bash because it could not happen without them: **Bentley**, the **SoCal Bentley User Group**, **HDR** and **Rio Hondo Community College**. We'd also like to thank all of the Bentley instructors for spending the weekend sharing their expertise.

If you have any feedback, comments, questions, or suggestions for next year, we'd love to hear it! Contact Archway today to help us make every Bash even better than the last!



Santanu Das of Bentley speaking as the keynote of the SoCal Bentley Bash 2014

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 & BA**
 - ◊ **HB Dates** — 3/4 to 3/7; & 4/15 to 4/18
 - ◊ **BA Dates** — 2/24 to 2/27; & 3/17 to 3/20
- **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** — 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** — 3/31 to 4/2
- **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** — 2/13 to 2/14
- **NEW - MicroStation for Animation** — This course covers how to animate in MicroStation 3D. Cost is \$1100. Location: **HB**
 - ◊ **Dates** — 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** — 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** — 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 2/12
- **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**
 - ◊ **Dates** — 2/4 to 2/6

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** — 3/26 to 3/28
- **Rhino II** — In this class you'll learn productivity tools and NURBS concepts, advanced surfacing, using 2D drawings and images, sculpting surfaces, meshing and rendering. Cost is \$795. Location: **HB**
 - ◊ **Dates** — 4/2 to 4/4

Mojo 3D Printer Special

Archway with Stratasys is offering a special pricing. 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.**

The Mojo printer is like a regular document printer; it sits on your desk, plugs into your computer and you can be on your way to printing 3D models in minutes.

Contact us today to learn more about the Mojo 3D Printer from Stratasys.

VBA Basics to Advanced Class

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 13-14th!** [Sign up today!](#) Or call 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.