

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: Summer SoCal Bentley Bash 2015	2
Training Class Schedule	3
Upcoming SIGs Schedule	4
AECOSim Building Designer SS6 - New Release	4
MyCADvideos.com	4

Upcoming Events:

- Aug 7** — USC Annual BIM Conference
Aug 7-8 — SoCal Summer Bentley Bash at Santa Ana College
Aug 12-14 — MicroStation for AutoCAD Users Class

Rhino 3D—New Website

Check out our new website, LearnRhino3D.com, where you can check out **Rhino 3D software** - learn about the product, buy it and learn about our training for it!

California Drought

Since California is experiencing one of the worst droughts in many years, water leaks have taken on a new level of importance. Agencies simply can't afford to lose precious water. Bentley's WaterCAD software is the leading software for modeling water distribution systems. Water agencies use it for many functions including fire flow analysis, capacity analysis, water quality, pump efficiency and more. But one of the key functions is to detect where there are water leaks in the network. Call us today if you would like to see a demonstration of how that works.

Structural Enterprise

The Structural Enterprise is unlimited access for each licensed user to the entire RAM product line and nearly all modules within the STAAD and Microstran product lines.

Is a Structural Enterprise right for you? There are many reasons that the Structural Enterprise could be for you. If you have designers using multiple structural products a day or are experiencing difficulty coordinating software license availability across your design team, this could be your solution!

Contact Archway today for pricing details and more information to see if this is the solution you've been looking for!

Year in Infrastructure Conference in November

Don't miss the Year in Infrastructure Conference in November. It is held in London each year to celebrate the great projects and finalists for the Be Inspired Awards. This year the **Year in Infrastructure Conference** is being held **November 3-5, 2015** at the **Hilton London Metropole**.

It is a great celebration of real world users, just like you, who are using Bentley software to its fullest capacity. Come, celebrate with us and learn how you, too, could use Bentley software to its fullest potential.

Still not sure why you should go? Check out the [video](#) on Bentley's website about why this is a must-attend event! [Register today](#) to reserve your spot at this great conference!

USC Annual BIM Conference

On **Friday, August 7th**, USC will be holding its **annual BIM Conference** on Visual Programming. It is a great event for architects to learn about different visual software including **Bentley's Generative Components**. Tom Lazear of Archway and Volker Mueller of Bentley will be presenting. You don't want to miss it. [Register here](#) with code **BIM2015**.

MicroStation for AutoCAD Users – August 12-14

Our featured class for this month is our upcoming **MicroStation for AutoCAD Users** class with spots available in our **August 12-14th** class!

This class is for those who already have experience with CAD software, but not with MicroStation specifically. You will learn how to use MicroStation's tools and features to create designs, manipulate and modify elements, assemble project data and print. It is a great class for anyone wanting to get up to speed on how MicroStation works and how it is different from other CAD programs.

Contact Archway today to reserve your spot in this class!



Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	IT Specialist
George McMeans	Sales & Training in Nor. Cal.	Daniel Lazear	Sr. Application Engineer &
Mike Lazear	Programming & Support		Tenn. Sales & Training
Sandy Lazear	Accounting	Lauren Rybarczyk	Marketing & Sales
Linda Grubb	Sales Manager	Shannon Schoenberger	Marketing

REPORT

Summer SoCal Bentley Bash 2015

Registration is now Open!

Our annual Summer Bentley Bash is taking place Friday and Saturday, **August 7th-8th** at **Santa Ana Community College** in Santa Ana, CA. Join us for two days of great training from Bentley and Archway experts.

On **Friday** the classes that are available include:

- Intro to MicroStation
- MicroStation Tips & Tricks
- InRoads SS3 Quickstart
- WaterGEMS/CAD
- AECOSim Building Designer: Architectural Quickstart using the **brand new SS6!**
- InRoads V8i SS2: Styles & Symbology
- Intro to RAM
- **ProjectWise Geospatial Client Essentials and Tips**

On **Saturday**, we have both a morning and an afternoon session. In the **morning**, classes will include:

- Intro to MicroStation
- **New in MicroStation 3D**
- Creating Ramp Geometry and Modeling a Superelevated Divided Highway
- InRoads SS2: Template Library
- Intro to RAM
- **Customizing Dynamic Views to Optimize Drawing Production**
- Customizing MicroStation using VBA

The afternoon classes will include:

- Intro to MicroStation 3D



- MicroStation Tips & Tricks
- InRoads SS3 Quickstart
- InRoads SS2: Roadway Designer
- Advanced RAM
- Basic ProjectWise
- AECOSim Building Designer: Structural Quickstart using the **brand new SS6!**
- WaterGEMS/CAD

This year will be another great opportunity to learn about the best Bentley has to offer, getting a view of their latest software including **OpenRoads Technology** in InRoads SS3, the brand new, just released **AECOSim Building Designer SS6**, and the newly acquired **Acute 3D Photo-to-DGN** software in the New in MicroStation 3D class!

Also we've added some new topics for our regular attendees to choose from including **ProjectWise Geospatial**, **new specialized topics in InRoads**, and **Customizing Dynamic Views to Optimize Drawing Production** in AECOSim Building Designer.

The cost this year is only **\$25** until **July 29th**. After **July 29th**, the price goes up to **\$50!**

Interested in sponsoring the event? Get your company to sponsor! With at least \$100 sponsorship, get free entrance for your employees! Check out our sponsorship form.

[Registration is now open!](#)

Register today to secure your spot and to take advantage of the **early bird price of just \$25!**

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 Nashville, TN (**TN**). 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 & TN**
 - ◊ **HB Dates** — 9/8 to 9/11; & 11/3 to 11/6
 - ◊ **TN Dates** — 7/27 to 7/30; 9/22 to 9/25; 11/10 to 11/13; 1/5 to 1/8; & 5/3 to 5/6
- **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 & TN**
 - ◊ **HB Dates** — 8/12 to 8/14; 10/6 to 10/8; & 12/1 to 12/3
 - ◊ **TN Dates** — 8/26 to 8/28; 10/21 to 10/23; 12/16 to 12/18; 2/9 to 2/11; 4/5 to 4/7; & 5/31 to 6/2
- **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 & TN**.
 - ◊ **HB Dates** — 9/15 to 9/18; 12/8 to 12/11; 3/1 to 3/4; & 5/24 to 5/27
 - ◊ **TN Dates** — 9/29 to 10/2; & 3/1 to 3/4
- **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** — 7/22 to 7/24; 9/1 to 9/3; & 11/17 to 11/19
 - ◊ **TN Dates** — 8/10 to 8/12; 10/6 to 10/8; 12/1 to 12/3; 2/16 to 2/18; & 5/9 to 5/11
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$800. Location: **TN**
 - ◊ **Dates** — 1/27 to 1/28; & 3/16 to 3/17
- **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** — 8/18 to 8/21; & 10/20 to 10/23
- **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** — 9/30 to 10/1
- **Descartes Fundamentals** — This course is for users wanting to learn Bentley Descartes 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. Cost is \$1000. Location: **TN**
 - ◊ **Dates** — 4/19 to 4/20
- **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 & TN**
 - ◊ **HB Dates** — 7/22 to 7/24; 10/21 to 10/23; 1/12 to 1/14; & 3/29 to 3/31
 - ◊ **TN Dates** — 2/23 to 2/25; & 4/26 to 4/28
- **InRoads Fundamentals SS2** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1600. Location: **TN**
 - ◊ **TN Dates** — 9/1 to 9/4; 10/27 to 10/30; 1/12 to 1/15; 3/22 to 3/25; & 5/17 to 5/20

Other Archway Classes

- **MicroStation Quickstart** — This 2 day course is designed to give a quick start to a 2D production drafter on how to use MicroStation software to create quality designs and produce technical drawings and 3D models. Cost is \$1000. Location: **HB**
 - ◊ **HB Dates** — 8/4 to 8/5

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 & TN**
 - ◊ **HB Dates** — 7/28 to 7/30; 9/23 to 9/25; 12/16 to 12/18; 2/9 to 2/11; & 5/3 to 5/5
 - ◊ **TN Dates** — 10/13 to 10/15; 11/18 to 11/20; 2/2 to 2/4; & 4/12 to 4/14

Upcoming SIGs Schedule

We now have both **MicroStation Special Interest Groups (SIGs)** and **AECOSim Building Designer (ABD) SIGs!** They will both be 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 PDT** and one at **4pm PDT** on the same day. Register today by clicking the links above! You don't want to miss out on the opportunity to learn more about these topics, for **free!** [Check out all the SIGs offered by Bentley.](#)

• Upcoming AECOSim Building Designer SIGs:

- ⇒ **July 21st** — The Many Ways to Create and Manage Drawings in AECOSim Building Designer: [AM](#) or [PM](#)
- ⇒ **Aug 18th** — What's New in AECOSim Building Designer V8i SS6: [AM](#) or [PM](#)
- ⇒ **Sept 15th** — Optimizing Designs Using the New MDO Function: [AM](#) or [PM](#)
- ⇒ **Oct 20th** — Where to Find Component Data for AECOSim Building Designer: [AM](#) or [PM](#)

• Upcoming MicroStation SIGs:

- ⇒ **July 14th** — Using Drawing Boundaries and Named Boundaries in MicroStation CONNECT: [AM](#) or [PM](#)
- ⇒ **Aug 11th** — Parametric Modeling in MicroStation CONNECT: [AM](#) or [PM](#)
- ⇒ **Sept 8th** — Applying Tables in MicroStation CONNECT: [AM](#) or [PM](#)
- ⇒ **Oct 13th** — Reporting Tools in MicroStation CONNECT: [AM](#) or [PM](#)

AECOSim Building Designer SS6—New Release

AECOSim Building Designer (ABD) has just released a new version, **SELECTseries 6 (SS6)**. There are some great new features that cover not only the Building Platform but all of the disciplines as well.

One of the major additions to AECOSim Building Designer is the inclusion of **Generative Components** that now has greater integration with ABD. Also included is **AECOSim Energy Simulator (AES)** with a direct file transfer from ABD to AES.

The **grid system** has some major changes as well. A major overhaul was done for SS5 and phase two of the new grid system is in new SS6 version. Many new features including multiple

building support for grids, enhanced grid display options, grid label masks and more.

Some of the new features for the different disciplines include new Place User Defined Profile Tool in the **Architecture** discipline in order to extrude a profile cell along a path and attach DataGroup information to it. For **Mechanical**, they have added Automated Duct Sizing and Duct Lining Enhancements.

Structural has new Improved Workflow for Structural Floor Plans and a new Fire Proofing tool.

There are so many new features. Check them out at the **Bentley Bash in August** which will feature **ABD classes using SS6!**

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 for Windows
- AECOSim Building Designer & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOSim Energy Software
- Promis*e
- Pointools Edit and applications

Archway Training Center

Check out the training classes on page 3. Classes for every need for MicroStation, InRoads, Rhino, 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.

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

MyCADvideos.com

Check out this site for free introductory videos and one hour webinars on the latest in CAD, FEM, and more.

Archway Job Site

Check out our job site where you can view jobs that local companies have posted specific to your industry.