The Arch Way

Archway Systems

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 25 & Jan 1 — Archway closed for holidays
Jan 19-20 — SoCal Bentley Bash in Whittier, CA
June 5-6 — Summer SoCal Bentley Bash in Anaheim, CA

Save the Dates: SoCal Bentley Bashes 2018

We have two SoCal Bentley Bashes coming up in 2018! The first is our **January 19-20, 2018** Bash at Rio Hondo Community College in Whittier, CA. The second is **June 5-6, 2018** at Anaheim Convention Center in conjunction with the AEC Next Technology Conference + Expo.

In January at Rio Hondo, we have classes on MicroStation CONNECT, AECOsim Building Designer, ContextCapture, ProjectWise, RAM Structural System, OpenRoads Designer, and more! Join us on **January 19-20th** for 3-hour hands-on sessions working with the software and networking with other Bentley users. And we have Santanu Das, Bentley Sr. VP, as our keynote speaker again this year!

Online registration for the SoCal Bentley Bash is now open! Sign up today to secure your spot in the classes you want to take!

Year-End Specials

Archway and Bentley have some great year-end specials to offer you this year!

- **MicroStation**, **OpenRoads Designer** & **OpenRoads ConceptStation** — **25% off**
- **ContextCapture** — up to 30% off
- STAAD.Pro to **STAAD.Pro Advanced** Upgrade — 50% off
- **Autodesk Upgrade Program** — If you own a current Autodesk license, you can get up to 50% credit towards any Bentley software purchase.
- Purchase a new **CSS**, get access to **ContextCapture Cloud Processing Service** and **ProjectWise ContextShare** at no extra cost until March 31, 2018!
- Archway Consulting—For every **$1000** of **product** or **CSS** purchased through Archway by 12/28/17, Archway will give you **1 hour of online consulting/ training!**

Call or email us today to get in on these specials before they go away on **12/28/17!**

MicroStation Rendering & Animation Class

We have put a **MicroStation Rendering and Animation** Class on our training schedule on **February 20th-23rd, 2018.** This class doesn't come along often, so join us if you can! The class is $2000 for the 4 days in our Huntington Beach, CA Training Center.

This class will cover the basic features of the Luxology rendering engine in MicroStation V8i. It will also teach the new animation user how to produce movies. It requires knowledge of MicroStation 3D. In this course, you learn to use views for rendering, use lights, materials and cameras, apply rendering techniques to 3D models, create and use actors, animate cameras and more. Email linda@archwaysystems.com for more info.

Who's Who at Archway Systems

Mike Lazear	Administration, Programming & Support	**Josh Lazear**	IT & Sr. Application Engineer: ProjectWise, ContextCapture
Tom Lazear	Sales & Training	**Daniel Lazear**	Sr. Application Engineer & Tenn. Sales & Training
Sandy Lazear	Accounting		
Linda Grubb	Sales Manager	**Raquel Sanchez**	GIS Technician & Data Analyst
Shannon Schoenberger	Marketing	**Angie Krebs**	Sales

REPORT   Bentley's Year in Infrastructure Recap

As always, this year's **Year in Infrastructure Conference**, themed "Going Digital", showcased Bentley's products, acquisitions and accomplishments as well as a peek at future technology. This year was the first time that the 3-day event was held in Singapore and understandably was very well attended by Asian companies where Bentley has been very successful. You can watch the keynote presentations on Bentley's website here: https://www.bentley.com/en/yii/video-gallery.

The CONNECT edition of all Bentley products have now been rolled out and were front and center in every session emphasizing Bentley's breadth and interoperability for everything infrastructure. The newest members of the CONNECT family are OpenRail, OpenBridge for design and OpenRail ConceptStation for conceptual design. Nearly all products now open 3D mesh models capture from photos with ContextCapture software introduced last year. Over 50 of the projects submitted this year for the Be Inspired Awards included use of ContextCapture. Bentley utilization of Azure cloud services was showcased including integration with Microsoft Office 365 and Dropbox-like features for sharing files among project members as well as dashboards for performance and RFI tracking.

In addition to Microsoft, Bentley emphasized partnerships with Siemens for integrating Bentley's software with Siemens manufacturing software and "internet of things." Bentley also has a partnership with Topcon to integrate Topcon's positioning capabilities with Bentley's modeling software to automate field construction equipment. Plus Bentley offers ProcureWare for online bidding, analysis and contract management based on its acquisition of eBid Systems.

Other software in the CONNECT edition include: STAAD, RAM, OpenUtilities, OpenPlant, WaterGEMS, SewerGEMS, OpenBridge, Bentley Substation, AssetWise, SACS and Prostructures, all of which have increased CONNECTION features and parametric functionality. Also Bentley announced acquisition of ACTION Modulers' water modeling software business with special flooding analysis. And Bentley has a strategic partnership with Bureau Veritas, a large French company with inspection expertise.

iModel 2.0 was the biggest announcement in software. As a feature of ProjectWise CONNECT Edition, every file checked in will automatically produce changes from the previous check-in so that any version of any file can be recreated.

Bentley Institute has expanded to now include the academic arm of Bentley as well as Bentley training partners and the new Bentley Academies such as the Construction Academy which will soon have a center in Livermore, California in conjunction with Topcon.

The Be Inspired Awards were the highlight of the conference as always. Over 400 projects were submitted in 17 categories from 52 countries. There were 51 finalists, of which two were sponsored by Archway Systems: JMC2 from San Pedro who submitted their "Heaven Sent" project and Zephyr USA/Jacobs who submitted their surveying project for California High Speed Rail. Check out the entrant presentations here: https://www.bentley.com/en/yii/be-inspired-video-gallery.

We look forward to seeing you all at YII 2018 in London!

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** — 4/3-6
    ◊ **TN Dates** — 12/12-15; 2/20-23; 4/24-27; & 6/26-29
- **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 —** 1/30-2/1; 3/13-15; & 5/8-10
    ◊ **TN Dates —** 1/9-11; 3/27-29; & 5/30-6/1
- **MicroStation V8i 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 —** 1/9-12; & 4/17-20
    ◊ **TN Dates —** 2/27-3/2; & 5/8-11
- **MicroStation CONNECT Everything 3D Express** — In this course, users will navigate and work in a 3D design file, create and edit 3D geometry in MicroStation CONNECT, create parametric 3D models and develop a basic knowledge of the rendering capabilities of MicroStation CONNECT. Cost is $1350 Location: **HB & TN.**
    ◊ **HB Dates —** 1/30-2/1; & 5/1-3
    ◊ **TN Dates —** 12/18-20; 3/6-8; & 7/10-12
- **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 & TN**
    ◊ **HB Dates** — 1/23-25; 4/10-12; & 6/26-28
    ◊ **TN Dates —** 2/13-15; & 5/1-3
- **MicroStation User Update to CONNECT** — 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: **HB**
    ◊ **HB Dates** — 12/19-20; 3/6-7; & 5/23-24

- **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** — 2/13-16; & 5/15-18
- **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** — 1/9-10; & 4/17-18
- **MicroStation Rendering & Animation** — This class gives an overview of the rendering and animation features inside MicroStation including the Luxology rendering engine. Cost is $2000. Location: **HB**
    ◊ **HB Dates —** 2/20-23
- **AECOsim Building Designer** — This course is designed to help users understand the features available in AECOsim Building Designer. Cost is $1500. Location: **HB & TN**
    ◊ **HB Dates** — 12/12-14; & 2/6-8
    ◊ **TN Dates —** 3/13-15; 4/10-12; & 6/18-20
- **InRoads Fundamentals SS2** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is $1600. Location: **HB & TN**
    ◊ **HB Dates** — TBD
    ◊ **TN Dates** — 2/6-9; 4/3-6; & 6/5-8
- **OpenRoads Designer Essentials** — This class is to help users learn how to use OpenRoads Designer and its comprehensive features for road design projects. Cost is $1000. Location: **TN**
    ◊ **TN Dates** — TBD
- **Advanced Roadway Designer for InRoads** — This class introduces civil engineering designers to all the major technologies in the Create Template and Roadway Designer applications. Cost is $1500. Location: **HB & TN**
    ◊ **HB Dates** — 1/16-18
    ◊ **TN Dates** — 3/20-22; & 6/12-14
- **Descartes Fundamentals** — This course will enable you to leverage the functionality found in Bentley Descartes and give you the skills required for your engineering, mapping and conversion projects. Cost is $1500. Location: **TN**
    ◊ **TN Dates** — 3/27-28; & 6/13-14

Upgrade to MicroStation CONNECT!

If you are a Bentley SELECT subscriber, you can upgrade to MicroStation CONNECT at no extra cost! And all of your current data will work just the same in CONNECT because there is no new file format. With MicroStation CONNECT, you can collaborate better with others and share files and standards. With built in CONNECT Advisor, you can access support and training right from within MicroStation.

There are so many benefits to upgrading your MicroStation, so take advantage and upgrade today!

AEC Conference in Anaheim—Save the Date

The **AEC Next Technology Expo + Conference** is being held at the Anaheim Convention Center in Anaheim, CA on **June 5-7, 2018**. It will feature companies offering hardware, software and services; emerging technologies; as well as building/construction products. Special features will include theaters on the expo floor featuring case-studies, new products, and best practices and much more. For more information on sponsoring or exhibiting, please contact **Rita Hicks** at rhicks@divcom.com or **207-842-5578**.

For attendance, **save the date now**! Stay tuned for information on registering and attending the **AEC Next Technology Expo + Conference.** Also the Summer Bentley Bash will be held in conjunction with this conference so save the date for the **Summer Bentley Bash** today!

Rhino Classes

We have a few different options for Rhino Training at Archway. There are three different options for classes including the Rhino Level 1, Rhino Accelerated Level 1 and Rhino Level 2 classes.

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This three day class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is $695. Location: **HB & TN**
    ◊ **HB Dates —** 12/19-21; 3/20-22; & 6/12-14
    ◊ **TN Dates** — 1/31-2/2; & 4/18-20
- **Rhino Accelerated I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving two day class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is $495. Location: **HB**
    ◊ **HB Dates — TBD**
- **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**
    ◊ **HB Dates — TBD**

Call Archway today to sign up for Rhino training in **Huntington Beach, CA** or visit LearnRhino3D.com for more information on our classes.

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, OpenRoads Designer & ConceptStation
- Haestad Hydraulic Analysis Software
- AECOsim Energy Software
- ContextCapture
- 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
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.

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.