

The Arch Way



The Newsletter for Friends of Archway Systems

VOLUME 25, NUMBER 1

JANUARY 16

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

Tennessee:

2550 Meridian Blvd, Ste. 200
Franklin, TN 37067
615-450-0440
danny@archwaysystems.com

WWW.ARCHWAYSYSTEMS.COM

WWW.VERSACAD.COM

Inside this issue:

Who's Who at Archway Systems	2
Report: Reality Modeling & ContextCapture	2
Training Class Schedule	3
How do you track RFIs?	4
ProjectWise CONNECT	4
Custom WaterGEMS Training	4
MyCADvideos.com	4

Upcoming Events:

Jan 22-23 — SoCal Bentley Training Bash at Rio Hondo in Whittier, CA

Mar 15-17 — Advanced InRoads Class

Mar 28 - Apr 1 — WaterGEMS/CAD Class

New Classes—Water & InRoads

We've added a couple of classes to our schedule that we haven't offered in a while. Here's your chance to get training for **WaterGEMS/CAD** and **Advanced InRoads**.

We're offering an **Advanced Roadway Designer for InRoads** class on **March 15-17th** for **\$1500** at our **Huntington Beach** location. This is an advanced InRoads course that will take you through the creating templates to provide solutions meeting complex engineering criteria and using the Roadway Designer to provide solutions that integrate disparate engineering requirements. [Register on LearnMicroStation.com.](#)

We're also offering a **WaterGEMS/CAD Water Distribution Design & Modeling** class on **March 28th - April 1st** for **\$2600** at our **Huntington Beach** location. This class will take you through both basics and advanced topics including how to build a water model and network, fire protection and fire flow analysis, importing demand data and elevations, generating pipe condition assessment values, automating design and more. [Register on LearnMicroStation.com.](#)

Want more information on these classes or others that we teach? Check out [LearnMicroStation.com](#) under Training Classes, give us a call at 714-374-0440 and ask for Linda, or email Linda@archwaysystems.com.

Bentley Bash 2016 is Here!

There's only one week left to register for the **Southern California Bentley Bash 2016** at Rio Hondo College on **January 22-23, 2016!** **Online registration closes at 12noon PST on Wednesday, January 20th!** Walk ins will be accepted on a first come first serve basis.

[Register now](#) to reserve your spot in the classes you want before they fill up!

Still not sure if you should come to this training bash? Here are some reasons to help you see why this is such a great opportunity:

1. **FREE Training**—Up to 12 hours of hands-on training, all for free!
2. **10% coupon off product or training** at Archway for anyone who attends the Bash!
3. **Santanu Das**, keynote speaker on Saturday during lunch, is speaking on the road ahead with Bentley—see what new products and features Bentley has in store!
4. See new products including **MicroStation CONNECT**, **ContextCapture** reality modeling software, and **OpenRoads**.
5. Chance to win door prizes! - One lucky social media user will win a prize for using **#SCBASH16**

[Sign up today](#) to make sure your spot is reserved. Classes are already filling up! Our Friday afternoon **MicroStation Tips & Tricks** class has **just 2 spots left!** But we still have 10 spots left in our Saturday morning MicroStation Tips & Tricks!

Other classes that are filling up include: **Beginning OpenRoads** (both Friday afternoon and Saturday morning), **ContextCapture** (Saturday afternoon), and **Intro to MicroStation CONNECT**, which is good for new users or an upgrade for experienced users (Saturday morning). Hurry and [sign up today](#) before you miss your chances at these great classes! **Remember registration closes Wednesday, Jan. 20th!**

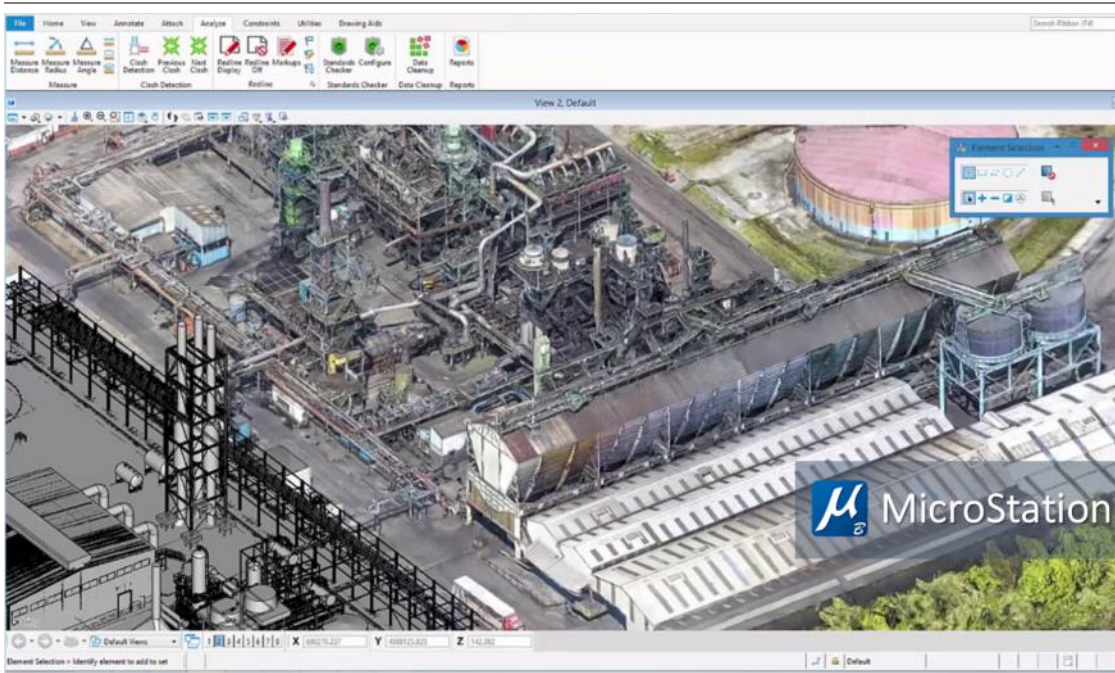


Who's Who at Archway Systems

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

REPORT

Reality Modeling and ContextCapture



Here is a 3D model of a plant displayed in MicroStation CONNECT Edition, created by taking several thousand digital photos of the existing plant, then running those photos through ContextCapture to create the 3D model which is then opened in MicroStation.

Also the photos don't have to be taken with any

Every project requires capturing and documenting existing conditions whether the project is a new building, highway, railroad or other. Depending on the project, establishing existing conditions can take considerable time and cost. In the past, methods were slow and involved finding old drawings or measuring the existing situation with tape or surveying instruments.

In recent years, scanning and photogrammetry have served to speed up the process, shortening project lifecycles. Last year, Bentley acquired a French company by the name of **Acute**

3D which had developed software that creates 3D mesh models from digital photographs. The software was called Smart3DCapture. Bentley has just rebranded it as **Bentley ContextCapture**, rebranded it and included it within Bentley's SELECT program.

What sets ContextCapture apart from competitive software is its **amazing accuracy and capacity**. Bentley used it to capture a model of a quarter of the city of Philadelphia to help with security during the Pope's recent visit.

Also you can see half of the city of Paris captured and displayed on the gallery at www.acute3d.com.

special equipment or camera, you can even create models from pictures you take with your phone! This really is the next generation of modeling and it is moving fast.

If you would like to learn how it works, come to the **Bentley Bash** at Rio Hondo College in Whittier, CA on **Saturday afternoon, January 23rd from 1pm to 4pm**. Sam Hendrick will be going through all the steps with a hands-on session. See the front page of this newsletter for more information on our two day free training event the Bentley Bash or visit LearnMicroStation.com to register.

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** — 4/5 to 4/8; & 5/17 to 5/20
 - ◊ **TN Dates** — 3/8 to 3/11; 5/3 to 5/6; & 6/28 to 7/1
- **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** — 1/26 to 1/28; 3/8 to 3/10; 4/26 to 4/28; & 6/14 to 6/16
 - ◊ **TN Dates** — 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** — 3/1 to 3/4; & 5/24 to 5/27
 - ◊ **TN Dates** — 3/1 to 3/4; & 5/24 to 5/27
- **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** — 2/2 to 2/4; 4/19 to 4/21; & 6/28 to 6/30
 - ◊ **TN Dates** — 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: **HB & TN**
 - ◊ **HB Dates** — 2/16 to 2/17; 4/12 to 4/13; & 5/24 to 5/25
 - ◊ **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** — 3/22 to 3/25; & 6/21 to 6/24
- **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** — 2/9 to 2/10; & 6/7 to 6/9
- **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** — 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** — 3/22 to 3/25; & 5/17 to 5/20
- **WaterGEMS/CAD Water Distribution Design & Modeling** — This course is designed to help users learn the basics of water modeling including how to build a water model and network. The last two days will handle more advanced topics. Cost is \$2600. Location: **HB**
 - ◊ **Dates** — 3/28 to 4/1

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** — TBD

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** — 2/9 to 2/11; & 5/3 to 5/5
 - ◊ **TN Dates** — 2/2 to 2/4; & 4/12 to 4/14

ProjectWise CONNECT in a Nutshell

ProjectWise CONNECT has some really neat new features that will make it a lot more accessible to small and medium businesses as well as larger companies.

One of the biggest changes to ProjectWise is that it will be **subscription based** moving forward, whether it is hosted in the cloud or deployed to your local servers. What this means for you is they are no longer charging individually for each different servers. All of the different servers are now included in one low price which is charged per user per year, billed quarterly.

So if a company needs the functionality that was formerly called Integration Server (check-in, check-out, searches, workflow, title block, etc.) and they would like to access it from a simple web browser as well as directly from applications, the price is the same. Add caching servers to speed up remote access, and the price is still the same. Just \$600 per user per year.

A new ProjectWise account can get started for **as little as \$3000 per quarter for 20 users** plus an initial cost for training. Or an existing ProjectWise user can go from paying SELECT and Passports at \$108 per year per user, to \$280 per year per user and enabling all of the servers that are not presently in use.

Please give us a call so we can get you a no obligation, best price quote for ProjectWise!

Custom WaterGEMS/SewerGEMS Training

Archway offers custom onsite **WaterGEMS** and **SewerGEMS** training. Have you just purchased WaterGEMS or SewerGEMS and need to get up to speed on the software quickly? Or do you have some new employees that need to learn fast so they can get working on your projects?

We can help you out! You provide the space and the people and we'll provide an expert instructor and materials! We can even customize our classes to fit your company's needs. We want you to be learning exactly what you need to know to get off the ground running.

Want to know more about our custom onsite classes? Give us a call today!

How do you Track your RFI's?

As projects get more complicated and more companies have more projects, the tracking of RFIs and Transmittals gets more and more difficult to do manually. Bentley's new **Deliverables Management** software in the cloud is now available to solve the problem. It tracks RFIs, the participants, the delivered transmittals and returned submittals, all in the cloud. All you need is a Deliverables Management VISA at \$600 per user per year and you are off and running. **No minimum.** You could even set it up for just one user, but more likely you'd want 3 or 4. We would love to talk with you about how Bentley's new Deliverables Management in the cloud can work for you.

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.