

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

- Aug 31** — Los Angeles Lunch & Learn
- Sept 1** — Orange County Lunch & Learn
- Sept 12-16** — Tennessee Campus Tour
- Oct 6-7** — Cal Poly Land Surveyors Conference
- Oct 10-14** — NorCal Campus Tour

ConceptStation Update

Conceptual design of road, highway, and bridge just got better with an update to this new software. If you are an engineer, designer, professor or student involved in civil engineering, you need to check out **OpenRoads ConceptStation** which grabs existing conditions for you from the internet, enables quick and easy modeling of new highways, bridges and road equipment such as barriers and street lights, and then enables you to produce an estimate of the costs and quantities plus an animation using the built-in LumenRT.

If you want to get your concepts out fast and looking amazing for your clients, this is the software for you. It is easy to use, efficient, and helps you keep project costs in perspective. With the ability to quickly mock up multiple designs and their associated costs, you can easily find the most efficient design for your project. And with the built-in **LumenRT**, your conceptual designs look great enough to wow your perspective clients during your proposals!

This new update improves stability and enhances already great features in the software. **The latest update just released is 10.00.03.15.** Check it out today to become more efficient with your conceptual designs. If you are already a Bentley customer, go out to your [SELECTserver](#) and [download the new version today!](#)

Upcoming Lunch & Learns

Archway Systems is hosting two Lunch & Learns—**one in Los Angeles on August 31st** and **one at Archway Systems in Huntington Beach on September 1st** — from **12noon to 1pm.**

Come meet **Pete Liotino**, CEO of Real World Capture, Inc., a new company with the mission of delivering and proving the value of 3D reality meshes created directly from digital photographs. Leveraging the 3D mesh for communication and measurement is only the beginning! Come learn the many downstream uses of the 3D mesh through real world cases including:

- University Campus owner leveraging the 3D mesh as a **GUI to their GIS/ Operations & Maintenance** data as well as for construction planning — **importing BIM data**
- Engineering firm leveraging it for **inspection** of a marine port
- City engineer leveraging it for **redevelopment** efforts
- Major events coordinator leveraging it for **site planning**

Come see use cases from ground photo capture, UAS, helicopter and airplane. Come see how you can take 60 ground photos taken with a standard digital camera and create an accurate 3D mesh of a building with millimeter accuracy. It beats any other method of data collection for many applications.

Want to know more? Come join us for lunch, a presentation of recent projects, a demonstration of ContextCapture and an opportunity to meet one of the leaders of this new technology — either **Wednesday, August, 31st** in Los Angeles, or **Thursday, September 1st** in Huntington Beach! Email shannon@archwaysystems.com and **mention which date you'd like to come!**



Find us on facebook

Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	IT Specialist
Mike Lazear	Programming & Support	Daniel Lazear	Sr. Application Engineer & Tenn. Sales & Training
Sandy Lazear	Accounting	Shannon Schoenberger	Marketing
Linda Grubb	Sales Manager		

REPORT

Back to School with Bentley Academic

As schools are starting up again, we want to take a look at how Bentley is helping students get prepared for the future.

Currently Archway is preparing to take a couple of campus trips with Bentley in order to get the word out and tell students and professors about the latest technology and software that Bentley has to offer. Two trips are in the works—one in Northern California, one across Tennessee.

The **Tennessee trip** will be **September 12th-16th**, and the **Northern California trip** will be **October 10th-14th**. These trips will focus on getting to students and professors so that they can get access to Bentley's software, especially those schools who already have a subscription, and to learn about the latest software and which companies are using it. This is invaluable information for the students who will receive free access to the software if their school has a subscription.

Bentley wants to make sure that students have just as much access to MicroStation as they do to other software while in school so that they can be more employable upon graduation. Bentley believes that interoperability and sustainability are the future of infrastructure and



to accomplish those goals, we have to start inspiring the future, our students.

Experts from both Bentley and Archway will be traveling on these trips to speak about and give short demos of these products for students and professor. We want to support student sections of ASCE, NSPE, ITE and any other organizations on campus that are involved in Civil Engineering and Infrastructure.

The software that will be discussed on each of these tours will be MicroStation, AECOSim Building Designer, InRoads, OpenRoads ConceptStation,

ContextCapture, WaterGEMS, RAM, STAAD.Pro, and more. Archway and Bentley are going to specific departments and giving them the latest updates that are applicable to them. These trips are a great way for students and professors to learn more about what is available to them from Bentley Academic.

Are you a student or professor in Northern California or Tennessee and want to see Archway and Bentley come out to your school? Contact shannon@archwaysystems.com today to see what we can do about setting up a meeting.

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** — 8/30-9/2; 10/25-28; & 12/13-16
 - ◊ **TN Dates** — 10/18-21; 11/29-12/2; 1/17-20; 3/21-24; 5/2-5; & 6/27-30
- **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** — 9/21-23; & 11/15-17
 - ◊ **TN Dates** — 8/23-25; 9/27-29; 12/14-16; 2/7-9; 4/4-6; & 5/31-6/2
- **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** — 8/23-26; & 12/6-9
 - ◊ **TN Dates** — 11/8-11; 1/24-27; 4/11-14; & 6/20-23
- **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** — 11/29-12/1
 - ◊ **TN Dates** — 8/30-9/2; 10/25-27; 2/21-23; 4/25-27; & 6/13-15
- **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** — 11/1-2
- **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** — 9/27-30
- **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** — 8/23-24; & 12/6-7
- **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** — 9/28-30
 - ◊ **TN Dates** — 10/11-13; 3/7-9; 6/6-9
- **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** — 9/20-23; 11/15-18; 1/31-2/3; 3/28-31; & 5/23-26
- **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: **TN**
 - ◊ **TN Dates** — 12/6-8; 2/28-3/2; & 5/16-18

Upcoming Online Bentley Classes

- **OpenRoads ConceptStation Quickstart** — In this class you'll learn the basics of how to use OpenRoads ConceptStation. Learn how to model, animate and create a cost analysis for your proposed project. Cost is \$95. Location: **Online 11am-1pm PDT**
 - ◊ **Dates** — TBD
- **MicroStation 3D Intro** — This course follows the transition from 2D drawing to 3D modeling using the basic tools for viewing, manipulating and drawing. Cost is \$500. Location: **Online 10am-2pm PDT**
 - ◊ **Dates** — 9/20-21; & 11/15-16
- **MicroStation Basics** — This course builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Cost is \$900. Location: **Online 10am-2pm PDT**
 - ◊ **Dates** — 9/13-16; & 11/8-11

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** — 9/20-22; 12/13-15; 1/31-2/2; 4/4-6; & 6/27-29
 - ◊ **TN Dates** — 9/7-9; 12/6-8; 2/14-16; & 4/18-20

AutoCAD to MicroStation Upgrade Deal

Bentley wants to make sure you have a choice!

Autodesk has recently done away with their perpetual license and gone to a subscription only license. Bentley wants you to know that we still believe you have the choice to choose between a subscription or a perpetual license.

So in light of Autodesk's actions, Bentley is responding by giving you **up to 50% off** a perpetual license of Bentley software, including MicroStation or InRoads, just for proving you own an AutoCAD license. **Call us today for a free no obligation quote or for more information!**

MicroStation SS4 Update Available

For those users of MicroStation V8i that are still not ready to make the jump to CONNECT, there is an update of MicroStation available! **MicroStation V8i SELECTseries 4 is now available on the SELECTserver.**

This new version acts as a middle ground between MicroStation SS3 and MicroStation CONNECT. **CONNECTED Users and CONNECTED Projects** are a part of MicroStation SS4 allowing you to assign projects to CONNECTED Projects, publish i-models, and print PDFs. You still get the layout, look and feel, and shortcuts of MicroStation SS3 and the great features of being connected from MicroStation CONNECT. It's a great stepping stone to updating to the latest MicroStation CONNECT.

To update, go to your SELECTserver and download the new version today!

ITE Meeting 2016—Anaheim, CA

Archway Systems attended the ITE Meeting in Anaheim, CA this week **August 14-17th**. It was a great show for everyone involved. Though we did not attend the sessions, we heard that they were very informative. The poster presentations in the exhibit hall were a great way for those presenting to share their projects and answer people's questions face-to-face. And there were optional tours of local Anaheim transportation services including Disneyland and the ARTIC.

Overall the meeting was a great place for those in the transportation industry from around the world to get together and learn about what's working, what's not, and where the future of transportation is headed.



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.