

# The Arch Way



## The Newsletter for Friends of Archway Systems

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### Upcoming Events:

- Apr 4-5** — Build Expo USA @ Anaheim Convention Center, CA  
**Apr 10** — MicroStation SS3 BeCareers Webinar  
**Apr 17** — AECOSim Building Designer BeCareers Webinar  
**May 15-17** — Be Together Conference in Philadelphia, PA

### Build Expo USA is Here!

Build Expo USA is this week! On **April 4th and 5th**, at Anaheim Convention Center in Anaheim, CA, Build Expo USA will hold its annual Los Angeles event. This is a great event full of sponsors and exhibitors who are here to help you! The keynote speaker, Josh Ramsey, will be talking about online marketing. Other speakers include Tom Lazear, from Archway, and David Joe, of Elite Business Solutions.

It's a great opportunity to learn something new and network with new people and companies. If you're in the area, check it out and don't forget to stop by and see Tom at the Archway booth! See [site](#) for more details.

### Be Together Conference

Registration is now open for the Be Together Bentley User Conference **May 15-17, 2012**, at the Pennsylvania Convention Center in **Philadelphia, PA**. This year's theme is "Working *Smarter*, Together." With 12 different tracks to follow, you can get exactly the information you need from this conference. Also with the ability to choose which workshops and lectures you want to attend, you can maximize your networking and learning potential. For certain tracks, there are even early workshops being held on the afternoon of Monday, May 14th. And don't forget to check out the highly interactive LIVE Zone!

[Register now!](#) Mention that you heard about it from Archway! To learn more about this conference check out Bentley's website [here](#) or watch this video about the conference [here](#).

### Check out our Training Classes in Arizona!

[See page 3 for more details.](#)

### Upcoming Academic Webinars

Archway is hosting an **academic only** webinar series, geared at students and professors. All hands on, interactive webinars are given 9am to 12noon PST. There are two left in the series:

- **MicroStation SS3** — On April 10, this webinar will cover updates and new features in MicroStation SS3.

- **AECOSim Building Designer** — On April 17, this webinar will give you a demonstration of the comprehensive new product AECOSim Building Designer.

Contact Archway soon to register. You don't want to miss out on these opportunities. If you can't make it, or have missed one of our first webinars, check out the social media article.

### Be Careers Social Media

Check out Be Careers social media sites. They contain a wealth of information on the latest in Bentley education.

Their [Facebook page](#) connects you to thousands of other Bentley academic users and keeps you up to date on everything going on in the Be Careers Network including design contests and more.

Their [YouTube channel](#) contains pertinent videos to your work. These videos include everything from past webinars, like the first two in our academic webinar series on Bentley Navigator and StormCAD, to instructional videos about how to get started with different Bentley products including InRoads, STAAD.Pro, and others.

Check out these sites and be a part of the social network of Be Careers. Keep up on the latest Bentley software and network with others doing the same thing.

Any questions about Be Careers? Don't hesitate to give us a call!



Find us on facebook

## Who's Who at Archway Systems

**Tom Lazear**

Administration, Sales & Training

**George McMeans**

Sales & Training in Nor. Cal.

**Mike Lazear**

Programming & Support

**Phill Frye**

Training & Consulting

**Greg Hamano**

Training & Support

**Sandy Lazear**

Accounting

**Linda Grubb**

Sales Manager

**Josh Lazear**

IT Specialist

**Daniel Lazear**

Sales

**Lauren Jansen**

Marketing & Sales

**Shannon Schoenberger**

Marketing

## REPORT

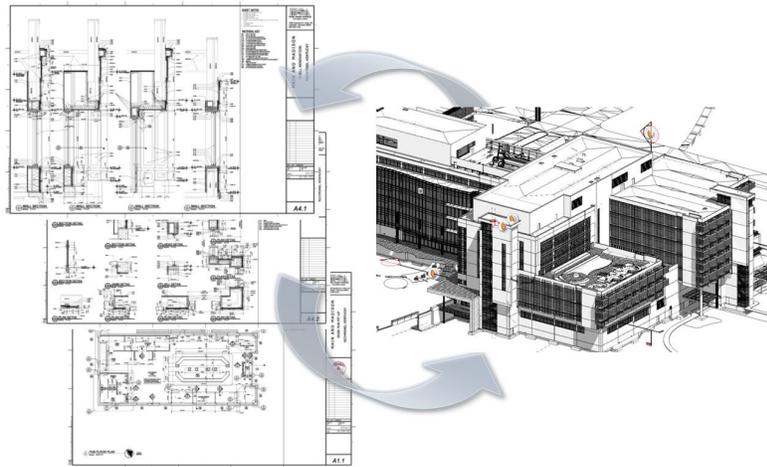
## MicroStation SELECTseries 3

MicroStation SELECTseries 3 has just been released! With this new release come great new features and capabilities. This release builds upon current capabilities and adds new key features that will help you stay ahead of the competition.

This release adds new capabilities to enhance your comprehensive breadth and depth, immersive interaction, performance simulation, and trusted deliverables all through information modeling.

To enhance your **comprehensive breadth and depth**, Bentley has added the ability to do any scale project with or without discipline-specific applications, regardless of format. New formats have been integrated including Autodesk RealDWG 2012, buildingSMART IFC format, and Siemens JT format, as well as expanded support for ESRI SHP and Autodesk FBX formats.

To create even more **immersive interaction**, Bentley has made MicroStation SELECTseries 3 even more natural to interact with design information, leveraging all available and applicable information in real time. The biggest of the features that was added in this new release is the ability to create hypermodels which present design information in a 3D context including



Hypermodel of Nemours Children's Health System in Orlando, Florida.  
Courtesy of Stanley Beaman & Sears Architecture and Interiors in Atlanta,  
Georgia and Perkins + Wills Architects

all information such as solids, surfaces, drawings, specifications, images, documents, reports, and more! These hypermodels can contain everything you or anyone reviewing your project need to know about your design. This also keeps all of the information stored in one place, right where it should be, within the spatial context of the 3D model itself.

To improve your **performance simulation**, Bentley has added the ability to predict real-world performance quickly and precisely with more options for iterative refinement, an improved engineering process, and the ability to simulate within one area of focus or across multiple aspects of the lifecycle.

Bentley has also upgraded **trusted deliverables** allowing you to communicate design intent consistently, reflecting the latest revisions. All

representations will simultaneously reflect the same up-to-date design including 3D models, drawings of all types, schedules & reports, visualizations & renderings, and more.

The best part of MicroStation SELECTseries 3 is the fact that it continues to be a leading platform for discipline-specific applications. You can use MicroStation on its own for your design needs, or you can use it as a platform for something more specific including point cloud

editing with Pointools, road design with InRoads, building design with AECOSim Building Designer, and many, many more.

There are so many new features and upgraded capabilities in this new release, you will not want to miss out. To find out about all of the new features, including the ones listed here, check out [Bentley's "What's New in MicroStation V8i \(SELECTseries 3\)."](#) Also check out the new [hypermodeling page](#) that will tell you everything you need to know about the new hypermodels.

MicroStation SELECTseries 3 is available for immediate download on SELECTservices for Bentley SELECT subscribers. If you do not have SELECT, contact us today to find out how you can get this new release! You do not want to miss out on all the great new features.

## 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**), S.F. Bay area (**BA**), and Phoenix, AZ (**AZ**). Classes can be delivered on-site and online. Call or email Archway or visit [LearnMicroStation.com](http://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 & AZ**
  - ◊ **HB Dates** — 5/1 to 5/4; 6/5 to 6/8; 7/17 to 7/20; 8/21 to 8/24 & 9/25 to 9/28
  - ◊ **AZ Dates** — 5/22 to 5/26
- **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** — 4/11 to 4/13; 5/23 to 5/25; 6/26 to 6/28; 8/1 to 8/3; & 9/5 to 9/7
  - ◊ **BA Dates** — 4/16 to 4/18
- **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 SS1** — 5/29 to 5/30; 7/5 to 7/6; & 8/29 to 8/30
- **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** — 6/12 to 6/15 & 9/11 to 9/14
- **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**.
  - ◊ **V8i SS2 Edition** — 7/10 to 7/13
- **MicroStation for Advanced Users** — This course is for the experienced MicroStation user and focuses on improving user and work-group productivity. Cost is \$1200. Location: **HB & AZ**
  - ◊ **HB Dates** — 5/9 to 5/11 & 8/7 to 8/9
  - ◊ **AZ Dates** — 4/24 to 4/26
- **Bentley Navigator** — This course covers how to use Bentley Navigator for review analysis, mark-up, and distribution of results to project team members. Cost is \$500. Location: **HB**
  - ◊ **Dates** — 5/1; 6/6; & 8/28
- **ProjectWise User Essentials** — This course introduces students to ProjectWise Explorer for managing documents throughout a project cycle. Cost is \$500. Location: **HB**
  - ◊ **Dates** — 4/19
- **Bentley Building Suite (3D) and Bentley Architecture Fundamentals V8i** — This course allows users to learn Bentley Architecture software products in order to create 3D building projects. Cost is \$1250 Location: **HB**
  - ◊ **Dates** — 4/17 to 4/18; 5/31 to 6/1; 7/25 to 7/26; & 9/18 to 9/19
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is \$1500. Location: **HB & AZ**
  - ◊ **HB Dates** — 5/22 to 5/24; 7/24 to 7/26; & 9/19 to 9/21
  - ◊ **AZ Dates** — 8/7 to 8/9
- **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** — 5/8 to 5/10 & 8/13 to 8/15
- **InRoads Surface Modeling for Roadway Designers** — This course is intended for advanced InRoads users and covers surface design and editing commands to modify and create surface models. Cost is \$1025. Location: **HB**
  - ◊ **Dates** — 5/1 to 5/2 & 7/17 to 7/18
- **Pointools** — This course teaches point cloud users how to use Pointools Edit to create, edit, and animate their designs from point cloud scan data. Cost is \$900. Location: **HB**
  - ◊ **Dates** — 4/10 to 4/11

### 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**
  - ◊ **Dates** — 5/22 to 5/24; 8/21 to 8/23; & 10/9 to 10/12
- **Rhino II** — This class will be an advanced version of the Rhino I class following more intricate processes at a faster work pace. It will cover the rest of Rhino's functionality which you do not cover in the first class. Cost is \$795. Location: **HB**
  - ◊ **Dates** — TBD

## Archway's Small Business Certification with Metro

Archway Systems, Inc. has officially been certified as a Small Business Enterprise (SBE) with the State of California and more specifically, the Los Angeles County Metropolitan Transportation Authority (Metro). This means we are now a certified SBE to do business on non-federally funded contracts through Metro. If you are working on a contract for Metro and need to fulfill your SBE goal, please consider Archway for any of your computer service or training needs.

The services we provide include custom computer programming, administrative management and general management consulting services, software publishing, professional and management development training, as well as other computer related services. More specifically we train and sell Bentley software products for many types of projects including:

- **ProjectWise**—Implementation, Training, and Customization
- **Energy Simulation**—Retrofit Studies, New Construction, Training for Energy Plus or Revit/Bentley based
- **BIM Modeling**—Starting from Blueprints, 2D CAD files, Point Clouds, and producing 3D Architectural model, 3D structural model and renderings
- **Point Clouds**—Scan and create the cloud, edit and fly-throughs
- **Software Training**—Bentley BIM, MicroStation,

InRoads, Rhino, SketchUp, and more

- **3D Physical models**—Start from 3D computer model and produce 3D printed, physical scaled models
- **Software Development**—C Visual Basic and other languages

We have a lot of experience when it comes to working with large contracts. Some of our more recent contracts include:

- Customization of ProjectWise for **Connecticut Department of Transportation** (2011-Present)
- Developing 3D models, both computer and physical, of existing plant and adding new construction for **San Diego Gas and Electric** (2011-Present)
- IT work, ProjectWise consulting and training for **Los Angeles Community College District's** Measure J projects including over 50 building projects (2009-Present)
- Training and software sales for **Stanford Linear Accelerator** (2001-Present)

Past contracts also include **Caltrans** and **Port of Long Beach** for specialized training in Bentley software.

If you have any questions about what we do, what we could do for you, or about Metro's SBE goals, please give us a call. We would love to help you in your projects and reach your SBE goal!

## 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
- Bentley Architecture & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- AECOSim Energy Software
- Solid Edge and applications
- 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:

- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley ProjectWise 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.