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Upcoming Events:

Aug 16-17 — Northern California Bentley Bash
Sept 2 — Archway closed for Labor Day
Sept 10 — SoCal Bentley User Group Meeting in Los Angeles
Sept 11 — SoCal Bentley User Group Meeting in Irvine
Sept 12 — SoCal Bentley User Group Meeting in San Diego

Municipal Planning: New Plan Review Product Based on eB

Plan Review is a universal challenge, but the way organizations address it is not. No two organizations have the exact same process for plan review.

Bentley's approach is to deliver a highly-configurable work process management tool. This allows Bentley to adapt the eB software application to the user organization's work process, rather than them adapting to a software application with pre-defined workflows. The Bentley solution is **Bentley Plan Review**. It includes document management, document viewing and markup, records management, and more! Want more information? Contact Archway today to see how **Bentley Plan Review** could work for you.

Archway Now Sells LumenRT

Archway is now officially a reseller of **LumenRT**. LumenRT works in MicroStation, AutoCAD, Revit and SketchUp. It is a complete system for transforming 3D models and designs into rich, nature-filled videos, images and real-time immersive media. With LumenRT you can:

- Surround your designs with thousands of plants, vehicles, animals and characters
- Perform lighting and time of day studies
- Package designs into immersive LiveCubes™ to share with clients and colleagues
- Author directly in the leading CAD, CG, and GIS systems

Check out this video or the LumenRT website for more information.

Upcoming Northern California Bentley Bash

It's that time of year again! Archway is teaming up with the Northern California Bentley User Group to bring you the fifth annual Northern California Bentley Bash **Friday and Saturday**, **August 16-17th**, **2013**! This event offers you **two full** days in **two** different locations of **free** training! You won't want to miss out on this exciting opportunity.

On **Friday**, we will be heading out to **Cal State Sacramento** all day bringing you a full day of classes. There will be two sessions: the morning session from **9am to 12pm**, and the afternoon session from **1pm to 4pm**. Friday classes include Intro to **MicroStation**, Intro to **WaterGEMS**, **AECOsim Energy Simulator**, **InRoads**, Intro to **ProjectWise** and **Descartes** and Point Cloud Processing.

On **Saturday**, we will be in **Berkeley at the Ed Roberts Campus Building** bringing you another full day of classes. The classes in Berkeley will be two sessions as well: the morning session from **9am to 12pm** and the afternoon session from **1pm to 4pm**. Saturday classes include Intro to **MicroStation**, **InRoads**, **ProjectWise**, **AECOsim Energy Simulator**, **Descartes**, and more!

Each of these sessions will be **3-hour**, **hands-on** sessions so you can get the most out of this **free** training. Breakfast and lunch are provided each day. It is also a great opportunity to network and get to know other Bentley users. And you can join the **Northern California Bentley User Group**!

Free training, free food, and free networking? What more could you want? Registration is now open, so **sign up today**! Spots will go fast and the Bash is only two weeks away!

Search on **Twitter** or **Facebook** for most recent information #bebash2013. We will be posting updates. Post yours too! And on Friday and Saturday, don't forget to **tweet**, **instagram** and **facebook** your pictures and thoughts about the **5th annual Northern California Bentley Bash 2013** ! Can't wait to see you there!

Who's Who at Archway Systems

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

REPORT   Lunch & Learn Recap

On Wednesday and Thursday, July 31st & August 1st, 2013, Archway held Lunch & Learns for anyone interested in seeing what Bentley's been up to lately. The first one took place at Gulliver's in Irvine, and the second one took place at Beckham's Grill in Pasadena.

Each day, over 30 people came to enjoy a delicious lunch and get a glimpse of the latest in Bentley workings. Some of the key topics discussed included the iWare apps and the Mobile Navigator demo by Rob Riley of Bentley. Everyone seemed excited about the iWare apps, learning what you could do without opening any major Bentley software. With just Windows Explorer, you could view, rotate, move and zoom your design to see it without opening MicroStation.

Also they were excited to see what Bentley was doing for mobile applications, like the Mobile Navigator app, and what was coming in the future for Bentley in regards to mobile.

Other topics covered at the Lunch & Learns included the Bentley Learning Conference Review, the new OpenRoads technology for Civil SS3 products (check out more information on OpenRoads on page 4), Pointools and Descartes, BlueBeam, LumenRT and Rob Riley's demo of AECOsim Building Designer.

BlueBeam is a product much like Adobe Acrobat except it is specific for the industry and now has support for ProjectWise built in. LumenRT is a life, nature, light

and design software in which you can add different elements such as people, landscaping, etc. and create "cubes" of video which your client or boss could walk through your design without needing any special software. Each of these is a third party software, however, Archway is now a reseller for LumenRT as well as Bentley products. Let us know if you're interested!

Overall the Lunch & Learns were a great experience for all who attended, learning a lot about what Bentley is up to. As always, Archway is here to help bring you the most information and the best deal! Call us today so we can find out what software is right for you and get you designing with Bentley software today!

Danny Lazear of Archway speaking at Gulliver's at the July 31st Lunch & Learn

Rob Riley of Bentley starting his AECOsim Building Designer demo at the August 1st Lunch and Learn at Beckham's Grill

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 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**
    - ◊ **HB Dates** — 8/20 to 8/23; 9/24 to 9/27; 11/5 to 11/8; & 12/17 to 12/20
- **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 —** 8/27 to 8/29; 10/8 to 10/10; 11/19 to 11/21
    - ◊ **BA Dates** — 8/26 to 8/28
- **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 SS2** — 9/25 to 9/26; 10/30 to 10/31; & 12/10 to 12/11
- **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 —** 8/27 to 8/30; 10/15 to 10/18; & 12/3 to 12/6
- **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**
    - ◊ **HB Dates** — 9/4 to 9/6; 11/12 to 11/14
- **InRoads Fundamentals** — This class is to introduce civil engineering designers to InRoads software for road design projects. Cost is $1600. Location: **HB**
    - ◊ **HB Dates** — 9/17 to 9/20; 10/29 to 11/1; & 12/10 to 12/13
- **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** — 10/15 to 10/18

- **AECOsim Energy Simulator** — This course takes you through the AECOsim Energy Simulator software interface and shows you how to create an Energy Model using the Data managers and the modeler. Cost is $1500. Location: **HB**
    - ◊ **Dates** — 9/4 to 9/6
- **AECOsim Building Designer Essentials**— This course helps you get started with the basics of the software, working in 3D and using BIM themes and workflows. Cost is $1000. Location: **HB**
    - ◊ **Dates** — 11/19 to 11/20
- **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**
    - ◊ **Dates** — 10/1 to 10/3
- **AECOsim Building Designer Structural - Creating Design Documentation** — This course is designed for users to learn drawing composition including creating building views, applying structural rules and creating sheets. Cost is $500. Location: **HB**
    - ◊ **Dates** — TBD
- **Bentley Map Fundamentals** — In this course users will learn how to create map models, use Map Manager, and how to manipulate the display, order and symbology of features as well as perform topology clean up and use topology creation tools. Cost is $1350. Location: **HB**
    - ◊ **Dates** — 9/18 to 9/20; & 12/17 to 12/19
- **ProjectWise User Essentials** — This course introduces students to ProjectWise Explorer for managing documents throughout a project cycle. Cost is $500. Location: **HB**
    - ◊ **HB Dates** — 10/2 & 11/22

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 —** 9/10 to 9/12; & 11/12 to 11/14

OpenRoads Technology vs InRoads

Have you heard of Bentley's new **OpenRoads** Technology but wondered how it differed from the **InRoads** software? Well we wanted to alleviate some concerns and answer some questions because we know with the development of a new technology, it can be confusing.

First, OpenRoads is a technology as opposed to a software like InRoads or MicroStation. It is the technology that all InRoads, MXRoad, and GEOPAK are built on. According to AEC Magazine, it is the "umbrella technology that forms the backbone to its civil design tools." It is the common thread between MXRoad, GEOPAK and InRoads so they are now running on the same platform instead of as three completely separate products.

They now work together through the use of Civil Cells which allow you to carry reusable components through the lifecycle of your design and into other designs in the future. These allow you to reproduce designs easily and drag and drop them like cells. This creates better interoperability between InRoads, MXRoad and GEOPAK.

InRoads is now an even better software because of the platform of the OpenRoads technology. InRoads still has the functionality and interface that you have come to know and love, but with more interoperability among the other Bentley Civil products. And with new Civil Rules you can maintain relationships throughout your design process through the OpenRoads technology.

So, overall, the main difference between OpenRoads and InRoads is that OpenRoads is a technology, a platform, while InRoads is a software which runs on the OpenRoads platform. Because of this we can expect to see a lot more functionality and interoperability among all the Bentley Civil products. This is better for you, the customer, because you can be more efficient in your design process and in the end create even better, more streamlined and consistent designs.

Want to find out even more about Civil Cells and the new OpenRoads technology? Register for our **Northern California Bentley Bash** coming up on **August 16-17th, 2013**. See front page for more details on how to register.

Any more questions? Call Archway today!

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
- AECOsim Building Designer & 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:
- LumenRT
- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley 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.