

Innovation Award Presentation: Highly Personalized Learning Paths

Matt Zimmerle – Directory, Learning Technologies, Bentley Systems, Inc.



Happy 19th Anniversary!





Agenda

Bentley Systems won the CEdMA 2012 Innovation Award with the development of a highly personalized learning path application. Find out what they did and how they did it, in this special session.

- The problem we were trying to solve.
- How we “personalized” our LMS for the user
 - The Home Page is personalized
 - Measure progress and report in “real time
 - Enable the learner by giving them the ability to create their *own* learning path
- How we “personalized” for the organization
- Social
- Q&A



Problem Statement

- Transition from pay as you go to a pre-paid subscription model – 6 yrs / +70% of our business.
- Subscriptions work for learners because they support continuous learning by removing the “purchasing” barrier.
- Even though learners have continuous access to learning resources, the number of continuous learners, their “stickiness”, wasn’t what we or our accounts expected.



The Solution or Innovation...

- Build a new front end to our LMS that is a personalized learning path application as learners increasingly require and demand learning that is personal.

“How do I define the learning that I need to know, in a sequence that suits me, in a format that fits me, when I need it, where I want it, with credentials and reporting that I require?”



How we Personalized...

- The Home Page is personalized
- Measure and Report progress in *real time*
- Learner *Personalized* not *Static* Learning Paths

Home Page

Bentley LEARN Server

Find Training | Access Courses | Manage Learning

Take Tour »

Find Training ▶

My Notifications



[MicroStation 3D Modeling, Rendering, and Animation > 3D View Controls \(Lecture\)](#) (On-Demand)

[Imaging and/or Raster Management > Overview \(Lecture\)](#) (On-Demand)

[MicroStation Tips and Tricks performance support for my iPad > AccuDraw \(Lecture\)](#) (On-Demand)

View All »

My Learning History



Every course you complete is recorded to your online transcript. Use it to track your professional growth over time, print Certificates of Completion, and self-report your learning efforts to maintain your credentials.

View Transcript »

My Learning Paths



[Crossrail – Bentley Information Academy Contractor Partnership](#) (Company-Assigned)

[Improving Our Service Across the Learning Spectrum](#) (Self-Assigned)

[Measurable MicroStation 2D Drafting and Detailing](#) (Self-Assigned)

[STAAD.Pro - General Structural Designer](#) (Self-Assigned)

View All & Manage »

Recommended Learning Paths



[MicroStation 2D Drafting and Detailing](#)

[MicroStation 2D-tekener](#)

[Data Acquisition Fundamentals](#)

[MicroStation CAD Managers and Administrators](#)

Measure and Report Progress

Home » Find Training » View Learning Path

Measurable MicroStation 2D Drafting and Detailing Learning Path

14% Complete

Measure my progress against my learning path

✓ Added to My Learning Paths
[Edit](#)
[Personalize](#)

✉ [f](#) [t](#) [+](#) [Be](#)

Courses

Information about courses in this learning path is provided below. Click on Find Training to view all of the available offerings and their descriptions. Select a language, type of training, and/or product generation on the left to narrow your results.

▼ Language
English

▼ Type
On-Demand

▼ Release Detail
SELECTseries 2

[RESET FILTER](#)

MicroStation Essentials III

MicroStation Essentials is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Starting with setting... [More»](#)

Progress: 3/19

▼ Find Training (1)

On-Demand

Title	Language	Generation	Release Detail	Type	LUs	Status	Launch
▼ MicroStation Essentials	English	V8i	SELECTseries 2		3		
Welcome to MicroStation				Hands-on	3	●	Review

MicroStation 2D Tips and Tricks III

Learn how to use the basic tools of MicroStation with these short lectures. The focus is on the most commonly used tools in MicroStation.

Progress: 0/2

► Find Training (1)



Learner Personalized

- **You name it –**
 - **“My Personal Learning Path for 2012”**
- **You describe it –**
 - **“My training plan for 2012 will include a refresher to fill in some gaps in my knowledge and an advanced course to take me to the next level of proficiency.”**
- **You can add, reorder and delete**
- **You can predefine filters for**
 - **Language, Type (Live or On-Demand), Generation**



Organization / Project Learning Plans

- For organizations that “drive” their employee training plans
 - Enroll specific learners in a (mandatory training) plan
 - OR
 - Create custom learning plans for the entire organization and allow learners to opt-in.



Social...

- View
- Add
- Personalize
- Share



Q & A