### Innovation Award Presentation: Highly Personalized Learning Paths

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# Happy 19<sup>th</sup> 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



My

Learning Paths

#### My Notifications

Demand)





Find Training

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 »

#### My Learning History

Controls (Lecture) (On-Demand)

AccuDraw (Lecture) (On-Demand)



View All »

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.

MicroStation 3D Modeling, Rendering, and Animation > 3D View

Imaging and/or Raster Management > Overview (Lecture) (On-

MicroStation Tips and Tricks performance support for my iPad >

View Transcript »



MicroStation 2D Drafting and Detailing

MicroStation 2D-tekenen

Recommended Learning Paths

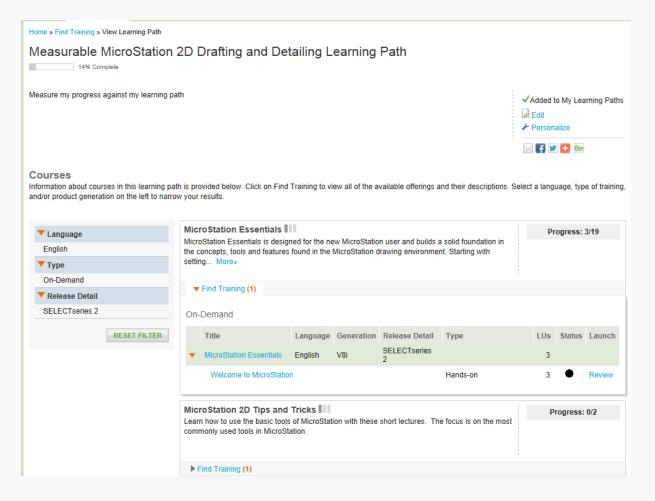
Data Acquisition Fundamentals

MicroStation CAD Managers and Administrators





### **Measure and Report Progress**





### 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





