The Lifelong Learning LMS (L3) Project

automating
UW-Madison NetID issuance and
access to online course materials for
lifelong learners

shortcut to get here: go.wisc.edu/l3project
The Problem

The status quo is:

- **Slow** (learner may wait several days after paying to get access to the course)
- **Expensive** (manual solution adds a per-registration overhead cost, plus human errors)
- **Not scalable** (manual solution is only practical for small volumes)
- **Or completely siloed** (existing automated solutions have no connection to campus records, services, or infrastructure)

**Impact**

UW-Madison cannot enter the established, burgeoning market of offering large-scale blended and online education to generate new revenue.
Before: Example manual solution, different for each academic unit
The Solution

Project goal: build “the magic in the middle”

"first" = solve this problem in an early phase  
"future" = prepare for eventually solving this

Sources of learner registrations

- USI
- other sources
- future sources

Learning tools and services

- Moodle LMS
- Campus LMS
- other services
- future LMSes

Course access provided to student, instantly
<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>CAPABILITIES</th>
</tr>
</thead>
</table>
| USI                           | USI User Id  
Event Registration  
Registrant info (demographic/contact/custom fields/etc.)                  |
| CSIS                          | Administrative management of courses and learners  
Identity crosswalk between USI and PersonHub  
Give learner appropriate LMS destination  
Initiate new NetID creations  
Exchange course and registrant info w/ CHub                                     |
| Campus Identity Management    | PersonHub and NetID services establishing unique campus identifiers and logins for all learners |
| CAOS                          | Manage class and roster changes  
Inform LMSes of changes                                                        |
| LMS                           | Consumer of roster information  
Provision access to service                                                     |
Simple Instructions

At a minimum, the solution is visible to every learner by inserting one e-mail (pictured above) between the end of the unit’s registration process and reaching UW Course Dashboard.

At a maximum, some learners have to next respond to a series of up to three questions by selecting from a choice of buttons. This determines whether the learner matches an existing UW identity and / or needs a new NetID issued right now.
The Breakthroughs

Scalable, high-capacity retail education from UW-Madison
Global “self-paced e-learning” market is ~$50 billion[1]

NetIDs
via self-serve immediate creation
for all Badgers (expanded beyond just ISIS-managed)
for life (no deactivation date or process)

Lifelong learners now invited to the UW “front door”

Opens the door to a future with . . .
MyUW Portal
Social login federation
Unizin
MOOCs on UW terms: $8.5 billion market by 2020[2]
Made possible by participation and support from:
Alan Ng, Amanda Renz, Andy Richardson, Anne Howaniec, Barb Anderson, Bonnie Schmidt, Brian Hill, Bruce Maas, Cheryl Wise, Chris Holsman, Chris Lalande, Chris Lee, Chris Mayeshiba, Dan Spencer, Deb Shapiro, Don Schutt, George Watson, Guy Peyrot, Jeanne Blochwitz, Jeff Bohrer, Jeff Russell, Jim Campbell, Joe Streeter, Joe Tarter, Jon Miner, Julie Martinelli, Julie Wood, Karen Hanson, Keith Hazelton, Kim Alling, Kip Rood, Kristi Obmascher, Laura Ingram, Lauranne Bailey, Leah Scheide, Lisa Hebgen, Lisa Linfield, Lyle Hanson, Matt Petro, Meredith Lowe, Michele Besant, Mike Fay, Mike Kern, Mike Litzkow, Mike Pitterle, Mike Roszkowski, Narra Cox, Neil Lerner, Nick Welker, Paul Donahue, Paul Miller, Phil Hull, Phil O'Leary, Scott Fullerton, Scott Hamilton, Scott Owczarek, Sean Bossinger, Steve Devoti, Steve Hahn, Stu Churchill-Hoyer, Suzanna Waters-Castillo, Suzanne Broadberry, Tammy Starr, Todd Hill, Tom Jordan, Ty Letto, Wanjiru Pontes