


CSI, Banner 8, and Banner 9: A Discussion with Early Adopters


Panel Facilitator:
Kay Rhodes, Texas Tech University System

Panel:
Jeff Hagins, Texas Tech University System
Stephanie Dable, University of Illinois
Rory O'Neill, University of Alaska
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Agenda



- 1 Welcome
- 2 Session Objectives
- 3 Recommendations for Banner 9 Localizations
- 4 Panel Introductions
- 5 Panel Experiences and Lessons Learned:
CSI, Banner 8 and Banner 9
- 6 Discussion and Q&A

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Introduction



- **This session is a panel discussion sharing recent experiences implementing Banner 9 modules as an early adopter and applying localizations. Considerations for sharing through Community Source Initiative (CSI) will be discussed.**
- **This session will provide information beneficial to those beginning or in the process of Banner 9 implementations. Attendees will be able to connect with a network of people for discussion on Banner 9, transformation and applying localizations now and in the future.**

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Recommended Steps for Banner 9 Localizations

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- **Prioritize the Banner 9 applications for deployment**
- **Identify the first Banner 9 application to deploy**
- **Co-deploy alongside Banner 8.x counterpart, if exists**
- **Inventory current mods to Banner 8.x counterpart**
- **Implement 8.x mods of importance as Banner 9 extensions**
- **Deprecate 8.x module**
- **Retain and maintain inventory of mods and submit to CSI when ready**

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Panel Introductions

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- **Jeff Hagins**
 - Managing Director, Information Systems
 - Texas Tech University System
- **Stephanie Dable**
 - Director, Technical Application Management, Administrative Information Technology Services
 - University of Illinois
- **Rory O'Neill**
 - Executive Director, Application Services
 - University of Alaska

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Banner 9 Experiences and Localizations

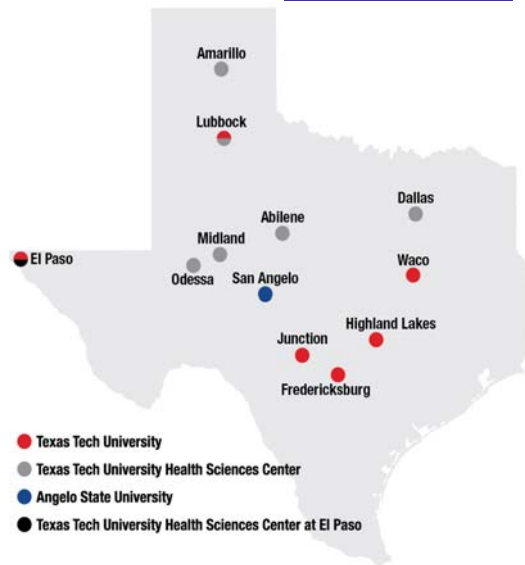
Jeff Hagins, Texas Tech University System

Texas Tech University System

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History

- TTU founded 1923
 - 10 colleges
 - 2 professional schools, Graduate and Law
- TTUHSC founded 1969
 - 5 schools
- TTU System created 1996
- ASU founded 1928, added 2007
 - 4 colleges
 - 1 professional school, Graduate
- TTUHSC El Paso separate institution 2013 with accreditation in 2019
 - 3 schools



Texas Tech University System

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- Total enrollment: 51,415 (2016)
- Degrees awarded: 10,953 (2016)
- Total employment: About 20,000
- Operating budget: \$2 billion
- Endowment: \$1.142 billion (2015)
- Research: \$225 million (2016)



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**Banner 9 Experiences and Localizations
Texas Tech University System**ellucian
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- **Current status of Transformation and Timelines for Go-Live**
 - Student, Finance and HR
- **Local development**
 - Plugins for student needs
- **Extra needs identified by Student**
 - 12 Go-Live dependent projects

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Current Status of Transformation

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Final Round of Testing for all Modules

- Latest Versions Supported by Texas Connection Consortium Installed in Test Regions
- HR/Finance/General
 - Begin Final Test March 2017
 - Target Production June 2017
- Student/Student AR/Student Financial Aid
 - Begin Final Test March 2017
 - Target Production Fall 2017

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Local Development

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Student Self Service 9.x

- Developed Several Plugins
 - Written in Banner 9 Technologies
 - Examples: Financial Agreement, Electronic Communication, Drop Limit, Pin Override

All Bolt-ons Developed with Banner 9 Technologies

Building Service Libraries for Database I/O

- Watching Ellucian Integration Hub Very Closely

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Transformation

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Transformation is a web based application

- Difficult for large data entry
- Using this as an opportunity to review business processes and automate where possible.
 - Examples of Automation Efforts:
 - Grade Changes
 - Major Changes
 - Permit Assignment
 - Time Tickets
 - Adding Instructors on SSASECT
 - Cohorts
 - Hold Management

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Banner 9 Experiences and Localizations

Stephanie Dable, University of Illinois

University of Illinois System

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- Three Universities:
 - Urbana-Champaign – 46K students
 - Chicago – 29K students
 - Springfield – 5K students
- 25,000 FTE employees
- \$5.6 billion operating budget



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Current status of Transformed Forms

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Beta Tested for Finance, Student, Financial Aid, A/R

Nothing in Production at this time

Currently doing analysis for 3 main areas (HR, Finance, Student)

- Testing forms
- Introducing universities to the new forms
- Reviewing training needs
- Looking at mods

Looking at Production Implementation of all modules – Fall 2018

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Benefits of Beta Testing

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Provide input into new functionality

Get an early glimpse of new forms/functionality

Opportunity to work out installation kinks

Early adoption opportunity = Better support from Ellucian

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What to Consider during Analysis/Implementation

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Is functionality changing?

What mods need to be updated?

What training/documentation needs to be updated?

De-support dates to be aware of:

- Oracle Forms
- Banner 8

Testing – who and how much?

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Approach to Transforming Modifications



Preparation

Analysis

Development

Installation

Approach to Transforming Modifications - Preparation



Submitted mods via Ellucian assessment tool

Results for 4 Finance mods:

Report Data						
Form name	Lines of Code	Complexity	Conversion Effort(Manual) Unit: Hours	Migration Complexity	Conversion Effort(Automated) Unit: Hours	Form type
FIGAVCD	5020	HIGH	304	MEDIUM	5	Baseline Modified
FRABUDG	10385	COMPLEX	632	HIGH	108	Baseline Modified
FRAGRNT	9655	COMPLEX	600	MEDIUM	146	Baseline Modified
FTMENDR	921	HIGH	95	LOW	7	Baseline Modified

We have the potential of 106 mods to transform

Given our budget situation, decision was made to do the mods in-house

Attended Ellucian's "Banner Technical: Extending Banner XE Admin Apps" training

Approach to Transforming Modifications - Analysis

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Do we still need the modification?

Can baseline functionality replace the modification?

Determine if mod is extensible (using Page Builder) or needs to be transformed.

If mod is still needed, create spec documentation for the developers.

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Approach to Transforming Modifications - Development

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Installing Eclipse locally, rather than using the Virtual Machine provided by Ellucian.

One main Git repository with multiple branches.

Committing and retrieving changes to build the jar files has worked well so far.

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Approach to Transforming Modifications - Installation

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Manually copying the new jar files to the WebLogic deployment and updating it.

- Ellucian has told us this could be automated via ESM, but we haven't tested that yet.

Banner 9 Experiences and Localizations University of Illinois

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- **Current Status of Transformed Forms**
 - HR, Finance, Student, Financial Aid
- **Benefits of Beta Testing**
- **What to think about during Analysis and Implementation Phases**
- **Approach to Transforming Modifications: In-House at Illinois**

Banner 9 Experiences and Localizations

Rory O'Neill, University of Alaska

Banner 9 Experiences and Localizations University of Alaska

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- **Current status of Transformation**
- **Transformation and Localizations using Ellucian Services**

Questions & Answers

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Thank you

We want to hear from you— feedback survey

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Presenter name[s]

Jeff Hagins, jeff.Hagins@ttu.edu

Stephanie Dable, dable@uillinois.edu

Rory O'Neill, rory.oneill@alaska.edu

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