BUSINESS INTELLIGENCE TOOLS
& PLANNING AND BUDGETING CLOUD SERVICES

The presentation will begin soon.
Nick Stevens
Director
Business Intelligence Center
University of Kansas

Mary Ann Richey
Director
Budget Office
University of Kansas
PRESENTATION OVERVIEW

- Business Intelligence Tools
  - Overview
  - Benefits
  - Terminology
  - Sneak peek
- PBCS Management
  - Overview of PBCS Management
  - Benefits & changes
  - CF1 management
  - Sneak peek
Financial Systems Transformation (FST) Project:

Core Transactional Systems
- Planning and Budgeting Cloud Services (PBCS)
  - Budget preparation
  - Scenario planning for non-grant funds
- Streamlyne
  - Proposal preparation & tracking
  - S2S proposal submission
- Financials in the Cloud (FITC)
  - AR/Billing
  - Payments
  - Budget transfers
  - Requisitions/POs
- Concur
  - P-Card reconciliation
  - Travel authorizations
  - Travel expense reimbursements

Reporting Systems
- Business Intelligence Tools
  - Scenario planning and forecasts
  - Grant & non-grant budget status
  - Salary forecasting of active positions at the position level
SYSTEMS OVERVIEW

Core Transactional Systems

Planning and Budgeting Cloud Services (PBCS)
Streamlyne
Financials in the Cloud (FITC)
Concur

Reporting Systems

Business Intelligence Tools

What it replaces

NIBS, UBUD, BudCast & BCP
Cayuse 424
PeopleSoft FSKU & KUPPs
PeopleSoft FSKU
BudCast & DEMIS Financials
SYSTEMS OVERVIEW

Modules:

Planning and Budgeting Cloud Services (PBCS)
- PBCS Planning
- PBCS Management

Streamlyne
- Proposal Preparation and Routing
- Proposal Submission
- Sponsored Contract Negotiation

Financials in the Cloud (FITC)
- Departmental Accounts Receivable and Billing (DARBI)
- Procure to Pay (P2P)
- Assets
- Grants
- General Ledger (GL)

Concur
- Expense

Business Intelligence Tools
- Oracle Analytics Cloud (OAC)
- Oracle Essbase Cloud Services (ECS)

11/3/2017 University of Kansas
Business Intelligence Tools

- **What it is?**
  - Set of cloud-based tools that provide advanced reporting and forecasting tools incorporating data from a variety of university sources, including FITC, Streamlyne, Concur, and PBCS
    - Oracle Analytics Cloud Service (BI toolset with dashboards, analyses, etc.)
    - Oracle Essbase Cloud Service (right now = Grants Management Tool)

- **Who will use it?**
  - OAC: SSC staff, Budget Officers, Analytical/Reporting personnel, PIs, Chairs/Directors, Deans/VPs
  - ECS: SSC Research Staff (currently)

- **How is it accessed?**
  - [oac.ku.edu/analytics](http://oac.ku.edu/analytics) using your KU online id
  - [gmt.ku.edu](http://gmt.ku.edu) using your KU online id

- **Which department supports it? Who is the lead?**
  - KU Business Intelligence Center
  - Director Nick Stevens
Benefits

• Available on and off campus (no VPN required)
• Ability to save filters and reports you frequently run
• Ability to schedule reports for delivery
• With appropriate access, ability to develop your own dashboards/reports
• Data dictionary that documents data source, business rules, and definition
• Long-term: ability to link Financial data with other institutional data
• Enterprise level support for OAC
OAC terminology

• Analyses
  • Tabular or graphical representation of data

• Dashboards
  • A collection of analyses with the ability to drill-down

• Project (Visual Analyzer, Data Visualization)
  • Ad-hoc data exploration tool
  • Used for data “mashups”

• Subject Areas
  • Enterprise data models built by the BIC and validated by FMS
Dashboards Available at Go-Live

• Financial Management Dashboard
  • Contains: Budget, Budget Adjustments, Revenue, Expenses, Encumbrances, Forecasts, and Balances
  • Drill-down capabilities
  • Trend report
  • CF1 report

• Grant Management Dashboard (same as above)
Sneak Peek

Financial Management Dashboard Link
Policy Updates

• Enterprise data models will be used as the source for all Financial Reporting to ensure consistent results and data integrity.

• Users will be unable to directly access the data warehouse to simply extract data. Reports developed on departmental tools should be rebuilt using OAC. Use cases that cannot be met by OAC will be handled on a case-by-case basis.
Reporting Overview

• What system will I perform certain reporting actions in?
• Where do I find the reports/dashboards within each system?
• (Handout)
PLANNING AND BUDGETING CLOUD SERVICES (PBCS)
Planning and Budgeting Cloud Services (PBCS)

• **What it is?** Hosted application for preparing the future year’s budget and monitoring the current year’s budget.

• **Who will use it?**
  - PBCS Planning: KU Budget Office and Department Budget Officers
  - PBCS Management: KU Budget Office, Department Budget Officers, Financial Staff Members including SSCs

• **How is it accessed?**
  - By computer

• **What does it replace?**
  - NIBS, UBUD, BudCast and BCP

• **Which department supports it? Who is the lead?**
  - KU Budget Office
  - Director Mary Ann Richey
Benefits

• Place to review non-project financial information summarized at chartfield level (no position details)
• Project future revenues and expense – and see real time impact
• Place to manage Chartfield (CF1)
• System to use for Scenario or what if planning
Changes – Non-Project Management Only

• NEW - numeric Budget Categories beginning with the number 5

• No position level details in PBCS Management tool/reports

• Budget transfers will be completed in FITC and completed at the fund, budget category, cost center, CF1 and KUEA level (no position)
  • Status of pending and posted will be identified in PBCS and OAC reporting
  • Budget transfers in FITC can be keyed on web screen or as an Excel upload

• Salary expense projections will be calculated and auto-populated

• What If / Scenario Planning
Chartfield1 (CF1) Management

• What is a CF1
• Reasons to use a CF1
• Reasons *not* to use a CF1
• CF1 Manual Budgets (i.e. Allocations) in PBCS management
• CF1 on Payroll Expenses
  • Phased Approach beginning in January
• CF1 Reporting
Sneak Peek
Sneak Peek
Policy Updates

• End users can process working budget transfers in FITC against salary, fringe and OOE budget categories
Reporting

- KUBUDM Reports
  - Chartfield 1 Reports
  - Projection Fund Management Reports
  - Supporting Details
  - YTD Fund Management Reports
Reporting

Projection Fund Management Report (CF1-Fund-CC-KUEA-BC)

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Projection Fund Management Report - All Funds

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<th>Posted Transfer</th>
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For period ending Jul, FY18
WHAT’S NEXT/CALL TO ACTION

• **BI Tools**
  • Brainstorm what reports can be built in OAC rather than by hand (or maintained in a shadow system)

• **Chartfield1**
  • Understand how/when you will want to use a Chartfield1
• Attend training in December/January
• Check fst.ku.edu for updates on upcoming training opportunities.
QUESTIONS/CONTACT

• Business Intelligence Center
  • Matt Baker
  • Jeanette Atkinson
  • Nick Stevens
  • Sean Steinle

• PBCS / Budget Office
  • Mary Ann Richey
Thank you to our working group members:

- John Mulvihill, FMS
- Michael Heaton, Office of Research
- Liz Monroe, Office of Research
- Rhonda Sharp, SSC Administration
- Kristi Thompson, SSC College & Prof Schools
- Jeanette Atkinson, Business Intelligence Ctr
- Mark Reynolds, College of Liberal Arts & Sciences
- Aimee Hunt, SSC Campus Admin & Oper
- Nick Stevens, Business Intelligence Ctr
- Colette Gillespie, FMS