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## Insights from a Successful Integration of Pre and Post-Award Processes within PeopleSoft Grants

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# Insights from a Successful Integration of Pre and Post-Award Processes within PeopleSoft Grants

Session #31572

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# Your Presenters

- David Driesbach, Director, IT, Florida International University
- Lia Duran, Assistant Director, IT, Florida International University



# Overview

- This session will provide guidance and lessons learned on how Florida International University has been able to streamline the operations between Pre and Post-Award within the PeopleSoft Grants suite.



# Agenda/Contents

- About Florida International University(FIU)
- Project Overview
- Assessment of Technology Solutions
- Impacts of Integrated Solution
  - Business Process
  - Reporting/Conversion
- Critical Success Factors
- Lessons Learned



# Florida International University (FIU)

- Located in Miami, FL
- One of 11 universities in state system
- Opened for classes in 1972 with 5,667 students - the largest opening day enrollment in U.S. collegiate history
- #1 in nation in awarding bachelor's and master's degrees to Hispanic students
- 50,000 total enrollment (Fall 2012)
- \$100 million in research proposals were awarded in FY 2012.
- 11 colleges, including a new medical school, opened Fall 2009



# FIU System Background

- 1999 – Implemented InfoEd Proposal Tracking.
- 2004 - 8.4 'PantherSoft' rolled out in to replace legacy systems.
  - Financials - Accounts Payable, Asset Management, General Ledger, Purchasing, Travel and Expense, Commitment Control
  - Campus Solutions – Admissions, Student Records, Financial Aid, Student Financials, and Campus Community
- 2009 – Upgraded to version 9.0 and implemented the Grants suite of modules for Post-Award.



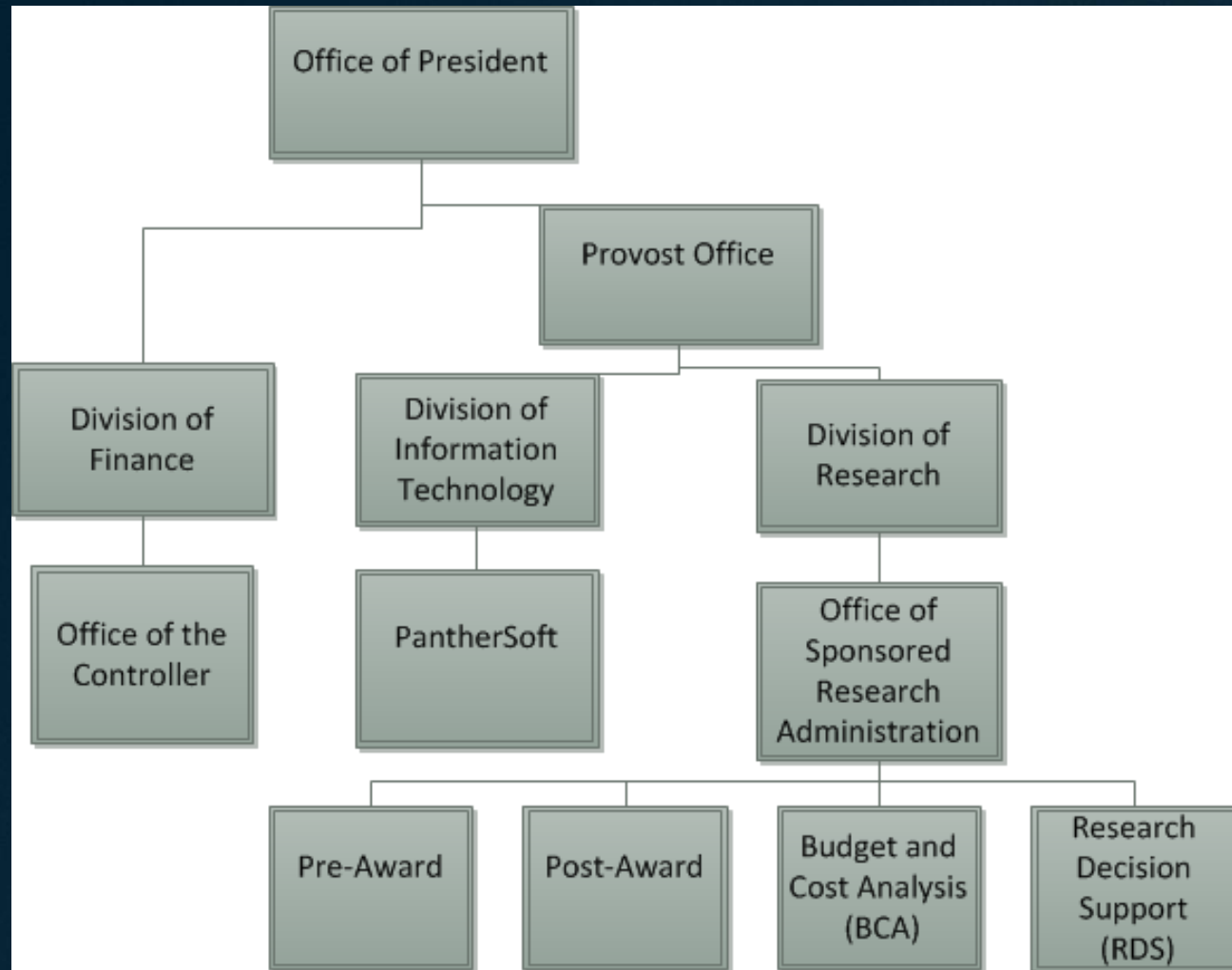
# FIU System Background (cont'd)

- 2011 – Launched ecr Effort Reporting system
- 2012 – Completed deployment of Pre-Award electronic proposal routing and approval form and consolidated Pre and Post-Award business processes within PeopleSoft.
- 2012 – Converted Chart of Accounts structure for non research activity.
- 2012 – Implemented electronic protocol management and compliance software.
- 2012 – Implemented PeopleSoft HCM





# FIU High Level Organizational Structure



# Project Overview



# Project Overview

- Key Objectives
  - Electronic proposal approval routing
  - Standardization across business areas
  - Elimination of dual data entry
- Timeline – As soon as feasibly possible



# Project Overview - Actual Project Timeline

ID	Task Name	2010								2011								2012							
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1	Initiation	[Blue bar covering May 2010 to May 2011]																							
2	Planning	[Blue bar covering Jun 2010 to Sep 2010]																							
3	Design	[Blue bar covering Oct 2010 to Dec 2010]																							
4	Development/Testing	[Blue bar covering Jan 2011 to Apr 2011]																							
5	Deployment	[Blue bar covering May 2011 to Apr 2012]																							



# Key Project Team Roles

- Project manager
- Functional managers(Pre-Award, Post-Award, BCA Directors)
- Executive sponsors: Vice President and Associate Vice President of Research
- New de-central Pre-Award staff
- Subject matter experts (InfoEd)
- SmartERP technical resource
- Departmental focus groups (Deans\Chairs, Staff, Faculty)
- Program manager
- Business/reporting systems analyst



# Assessment of Technology Solutions



# Assessment of Technology Solutions

Option 1	Option 2	Option 3
Upgrade InfoEd Proposal Tracking and implement Proposal Development. Integrate with PeopleSoft.	Implement 'delivered' Pre-Award functionalities in PeopleSoft Grants.	Implement delivered PeopleSoft Grants for Pre-Award with SmartERP proposal front-end.



# Assessment Criteria

- Business requirements
- IT Infrastructure requirements
- Resource requirements
- Implementation effort
- Strategic perspective





# Assessment Criteria – Business Requirements

Option #1 – InfoEd PeopleSoft	Option #2 – PeopleSoft Vanilla	Option #3 – PeopleSoft w/ SmartERP Proposal entry
Met all business requirements	Delivered Proposal pages did not meet the usability requirements for average FIU researcher/departmental staff.	Met all business requirements



# Assessment Criteria – IT Infrastructure Requirements

Option #1 – InfoEd PeopleSoft	Option #3 – PeopleSoft w/ Gaps Addressed
IT Hardware/software investment.	Purchase 3 <sup>rd</sup> party PeopleSoft compatible product (SmartERP) and leverage existing University Oracle/PeopleSoft infrastructure.
Creation of additional InfoEd environments for testing and training.	
Creation of technical solution to ensure data is consistent across InfoEd and PeopleSoft.	

# Assessment Criteria – Resource Requirements

Option #1 – InfoEd PeopleSoft	Option #3 – PeopleSoft w/ Gaps Addressed
Hire additional technical resources to support interfaces between InfoEd and PeopleSoft.	Leverage existing PeopleSoft expertise across University.



# Assessment Criteria – Implementation Effort

Option #1 – InfoEd PeopleSoft	Option #3 – PeopleSoft w/ Gaps Addressed
Estimated 1820 hour effort**	Estimated 1540 hour effort**
** Did not account for project-related overhead.	



# Assessment Criteria – Strategic Perspective

- Integration of business processes within one solution provided greater longer term opportunity for synergy across the Division.
  - Standardized terminology, data, and reporting platform



# Impacts of Integrated Solution

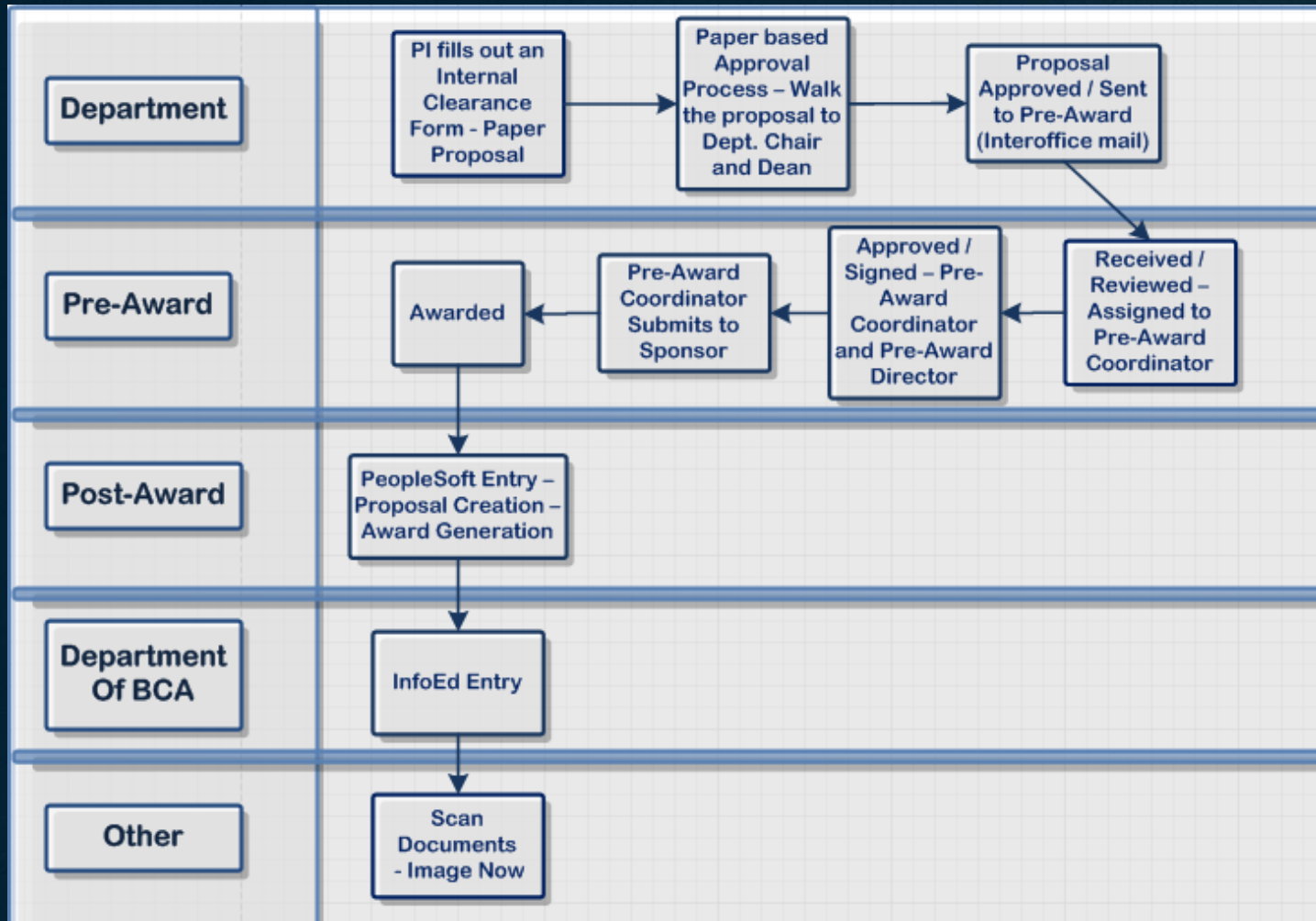


# Business Process Implications

- Proposal/award actions
- Sponsor maintenance
- User maintenance

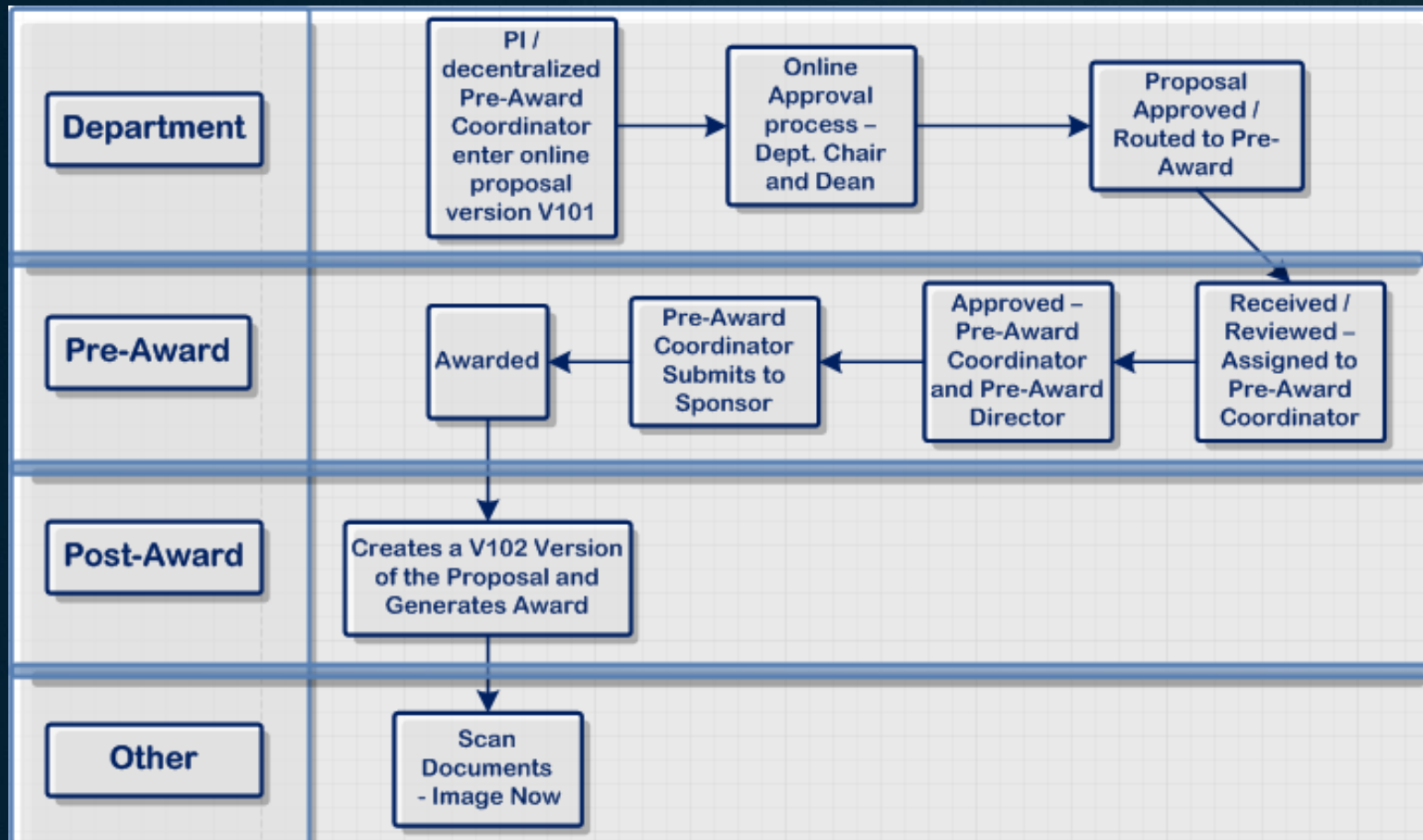


# High Level Business Process Proposal/Award Process - Before





# High Level Business Process Proposal/Award Process - After



# Business Process Implications – Award Actions – Key Details

- For New Awards: Issue Date on the Award Modification page needs to match Accounting Date on the Project Budgets page.
- For Contract Amendments: Process Date on the Contract Amendments page needs to match Accounting Date on the Project Budgets page.
- Technical Modifications: There was an ACCOUNTING\_DT field that existed on PC\_BUD\_DETAIL record but not on the Project Budgets page, we requested to have it added to the PC\_BUD\_DETAIL2 page.



# Business Process Implications – Sponsor Maintenance

Before	After
Sponsors maintained by BCA department in InfoEd and PeopleSoft. No reconciliation process of sponsor data between systems.	One sponsor list maintained by BCA department in PeopleSoft.

# Business Process Implications – User Identity Maintenance

Before	After
<p>Users manually added by RDS to InfoEd and authentication was manual. No reconciliation process of data between PeopleSoft and InfoEd.</p>	<p>Users automatically added in PeopleSoft HR as part of university-wide onboarding process and integrated with Financials. Single sign-on authentication. Pre-Award de-central staff update professional data to enable proposal access.</p>

# Reporting/Conversion Implications



# Conversion/Reporting Strategy

- Original plan: Systematically convert 3 years (fiscal years 2010-2012) of proposal and award data into PeopleSoft tables.
- Revised plan: Manually convert data only fiscal year 2012. Proposal and award action data from fiscal years 2010-2011 stored in nVision reports contained key data elements from.



# Reporting/Conversion – Key Data Elements

- Sponsor Information
  - Sponsor ID
  - Sponsor Name
  - Sponsor Type (Federal, State, etc.)
  - Primary vs. Originating vs. Bill To
  - Contact Information
  - Agency/Sub-agency relationships



# Reporting/Conversion – Key Data Elements (cont'd.)

- Employee Information
  - Employee ID
  - Name
  - Department
- Organizational Information
  - Department/Center Description
  - Relationships





# Reporting/Conversion – Key Data Elements (cont'd.)

- Proposal Information
  - Description
  - Status (i.e. pending, submitted, awarded)
  - Additional Information (i.e. Export Controls, IBC)
  - Budget (Total Direct, F&A Details, Cost Sharing)
  - Action Dates
  - Action Types
  - Department
  - Sponsor
  - Attachments



# Reporting/Conversion – Key Data Elements (cont'd.)

- Award/Project Information
  - Description
  - Start and End Date
  - Additional Information (i.e. Export Controls, ARRA, e-verify)
  - Budget (Total Direct, F&A Details, Cost Sharing)
  - Action Dates
  - Action Types
  - Department
  - Sponsor



# Critical Success Factors



# Critical Success Factors

- Initial assessment activities to identify appropriate solution for FIU specific circumstances.
- Management of project scope and timing throughout project.
- Support from management across departments.
- Focus on understanding multiple perspectives & coming up with shared language – Pre-Award vs. Post-Award vs. PeopleSoft ERP.
- Reporting/data expertise from both InfoEd and PeopleSoft.



# Lessons Learned



# Lessons Learned for FIU

- Emphasis on business process documentation/training guides to manage the details of the changes.
- Business process challenges from phased deployment approach of Pre-Award functionality.
- Historical proposal/award action reporting across InfoEd and PeopleSoft was possible without extensive technical conversion activities.



# Questions?



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