University of Wisconsin System  
Strategic Initiatives  

April 27, 2015

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UWSA CIO
Principles

• Mission Enablement
• Reduction of Risk
• Cost-effective Operations
The Four Tenets

A. Elevate the Professionalism of IT Leadership and Staff
B. Change IT from a Cost Center to a Value Center
C. Substantially Increase Investment in Academic Technology
D. Transform the UW System’s Capacity to Leverage Academic and Administrative Technology-enabled Services
Current Initiatives

- Risk framework for IT Security
- Innovation Fund
- Student Information System (SIS) Implementation at UW-Stevens Point
- Data Governance Council
- Interactive Reporting (IR) Tool Replacement / Business Intelligence (BI) Infrastructure
- Unified Communications & Collaboration (UCC & VoIP)
- Canvas Pilot
- Academic Systems Roadmap
- UWS Student Survey
- Faculty Development
- Learning Environment Needs Assessment
- Alma Implementation
- Common System Review Group
- Huron Consulting Studies
Risk Framework for IT Security

• Discussion with TISC
  – Establish a framework
  – Conduct Assessment
  – Categorize the risk
  – Calculate the expected value of exposure
  – Engage senior management
  – Decide which risks to eliminate
  – Decide which risks to accept

• Cyber Liability Insurance
Innovation Fund

- Process is established
- Review by CIO Council
- Maximum award of $20K
- Project completion in 120 days
- Focus on IT Service areas and Learning Technologies
Student Information System
A Path Forward

- Cloud Implementation
- Hosted Implementation
- Local Data Center
- On site Implementation
UW- Stevens Point
Current Activity

• Evaluate Current Environment
• Reduce Customizations
• Implement Hosted Solution
Procurement Approach

• Contract #1
  – Fit Gap
  – Migration
  – Implementation

• Contract #2
  – Hosting Off-site
  – Hosting On-site
Why Data Governance?

“Water, Water Everywhere…”

Data conundrums and confusions:

• “I don’t trust our data.”
• “We have too many things going on to make time for data standards.”
• “I’m not sure the numbers I provided to management are quite accurate.”
• “We have no policies or standards for managing data. If there are, I am not aware of them.”
• “If I ask a simple question about our numbers, I get 10 different answers from 10 people.”
• “It takes hours for me to generate a simple report, as I have to pull and massage data from many systems.”
• “I know another department has the data in their shadow system, but they don’t want to share it with us.”
What is Data Governance?

- Data governance (DG) is the development and implementation of policies, procedures, roles, and responsibilities related to effective data management with the involvement of data stewards within each campus and across the system.
- Data governance is an enterprise program that helps ensure quality, access, and integration of data to maximize the effectiveness of data analytics solutions.
Data Governance Model

Access to Data

- Quality & Consistency
- Policies & Standards
- Security & Privacy
- Compliance
- Retention & Archiving
- Training & Awareness

Technology
Data Governance Council

- Agreement to create a System wide Council
- Created a Working Group
- Focus on creating standard definitions
Interactive Reporting (IR) Tool / Business Intelligence (BI) Infrastructure

• Successful RFI Session held
• 180 Participants across UWS involved
• RFP Released in April
• Award Expected in September
IR/BI Timeline

DRAFT Timeline for move from Interactive Reporting

Internet Explorer Version Timeline

IE8  IE9  IE10  IE11
Unified Communications & Collaboration
Four Options

- Cisco (Remote Hosted)
- Lynx (Remote Hosted)
- Cisco (Self-Hosted)
- Lynx (Self-Hosted)
Unified Communications & Collaboration

• Three Approaches
  – UWS Hosted Regional Service
    • Western (UW- Eau Claire)
    • Eastern (UW- Whitewater)
  – Campus Self Hosted
  – UWS Remotely Hosted
    • One Year Pilot Service
    • Final Contract After the First Year Service
Academic Systems

- Canvas Pilot
- Academic Systems Roadmap
- UWS Student Survey
- Faculty Development
- Learning Environment Needs Assessment
Library Program

• Alma Implementation
  – Cloud based Library Management Services
  – Unifies print and digital resources
  – Comprehensive e-resource management services
  – Initial Operations to commence this fiscal year
Common Systems Review Group
Budget Formulation Guidelines

- No new initiatives, upgrades or improvements in service
- Spare small budget services
- Spare Academic Systems
- Use FY15 balances/residuals to buy down FY16 costs
## FY16 Budget Recommendations

### CSRG Budget Committee FY16 Recommendations

<table>
<thead>
<tr>
<th>CSRG Portfolio</th>
<th>Actual Spend FY14</th>
<th>Budget Plan FY15</th>
<th>FY16 Request Total</th>
<th>Adjustments</th>
<th>Recommended Budget Plan</th>
<th>FY17 Projection</th>
<th>FY16 Notes on Reductions</th>
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<tbody>
<tr>
<td><strong>Operations</strong></td>
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<td><strong>Critical Path Projects</strong></td>
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<td>Academic Systems - Learning Analytics - (merged to Oya)</td>
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<td><strong>New Projects initiated in FY14/FY15 (paid with UWSA funding)</strong></td>
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<td>Media Management - moved to Operations</td>
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<td>Library/Next Generation Management System</td>
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<td>Library - Resource Discovery Tool (Primo)</td>
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<td>Service Center stabilization (spent in FY13)</td>
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<td>Service Center - RHUpgrades</td>
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<td><strong>Total - New Projects</strong></td>
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<td>$5,100,000</td>
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<td><strong>Proposed Projects</strong></td>
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<td>SFS - reporting tool</td>
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<td>$900,000</td>
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<td>$900,000</td>
<td>$900,000</td>
<td>No reductions</td>
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<tr>
<td><strong>Total - Proposed Projects</strong></td>
<td>$0</td>
<td>$900,000</td>
<td>$900,000</td>
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<td>$900,000</td>
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<td>No reductions</td>
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<td><strong>Funding Adjustments</strong></td>
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<td>UWSA Funding (see rows 32-37)</td>
<td>$-3,718,786</td>
<td>$-4,515,640</td>
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<td><strong>Total - Funding Adjustment</strong></td>
<td>($3,718,786)</td>
<td>($4,515,640)</td>
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<td><strong>Grand Total</strong></td>
<td>$28,660,776</td>
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<td>$29,213,138</td>
<td>$31,774,833</td>
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</table>

* FY16 Notes are in reference to document
* Responses to CSRG Budget Committee Additional Request for Funding Reductions

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Common Systems Review Group

FY16 Budget
Huron Consulting Studies

- UWSA Offices
- Human Resources & The Service Center
- UW System IT
Congratulations!

UW System Network