



NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY

TECHNOLOGY STRATEGY STATUS UPDATE

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Vice Chancellor for Information Technology Services

February 16, 2018

Board of Trustees Meeting

AGGIES **DO**

Technology Strategy Implementation FY18

- Banner and Ancillary Software
- Infrastructure
- Staffing
- ISO 27002 Standard



Banner and Ancillary Software

Banner 9

- Critical technical issues resolved
- Functional testing has begun
- Lingering performance issue
- Planned go-live in November 2018
 - » Banner 8 and 9 in parallel

Ancillary Software – Completed Projects

- Cascade UNCGA Database Hosting
- eInvoice Implementation
- Kronos-Banner Interface
- Banner Data Quickview
- Banner Student State Audit Remediation
- Transfer Credit Appeal Form Process
- Transfer Permissions Form Process
- UNC Mandates FUSS - Course Repeats
- UNC Mandates FUSS - Course Withdrawal
- UNC Mandates – Fixed Tuition
- UNC Mandates – Student Datamart 5.0.0.0
- UNC Mandates – Online Banner Exchange Registration v 5.4.0.0
- Cascade 8.6.1 Upgrade
- University Relations News Site



Infrastructure

Infrastructure

- Core fiber loop live
 - » Additional fiber installation underway
- Second NC-REN connection underway
- Wireless expansion underway
- Craig equipment room design underway
- Perimeter firewall installation underway
- University farm network installation complete



Staffing

ITS Reorganization Status

- AVC/Deputy CIO
 - » Search firm retained
- Directors
 - » On-campus interviews in February



ISO 27002 Standard Implementation

ISO 27002 Standard

- International standard for information security management
- Used extensively at higher education institutions
- 114 controls
 - » Covers most additional compliance measures
- Adopted by UNC system in 2012
- Basis of IT General Controls audit

Goals

- Mature IT operations
- Implement robust Information Security Management Program
- Improve security profile
- Ensure compliance
- Prepare for audits
- Consolidate technology



Major Phases

- ISO Standard Implementation
 - » Policies, operating standards, baseline procedures
 - » Examples:
 - Data Stewardship and Management
 - Information Classification
 - Application Administration
- Information Security Management
 - Infrastructure and network security, contingency plans, security education program
- Compliance
 - IT risk assessment, network monitoring and vulnerability scanning

Timeline

- February – Launch vulnerability scanning and remediation projects
- March – Establish governance committees
- April
 - » Approve policies
 - » Launch operating standards deployment
 - » Begin information security assessments
- May – Procedure development and implementation
- TBD – IT risk assessment

Status

- Vantage Technology Consulting engaged
- Campus Orientation meeting complete
- Policy development team formed and meeting
- Vulnerability scanning team formed and meeting

Questions?