



NORTH CAROLINA AGRICULTURAL  
AND TECHNICAL STATE UNIVERSITY

---

# *TECHNOLOGY STRATEGY STATUS UPDATE*

---

Tom Jackson

Interim Vice Chancellor of Information Technology

February 17, 2017

Broad of Trustees Meeting

AGGIES **DO**

# Technology Strategy Implementation FY17

- IT Governance
- Banner and Ancillary Software
- Infrastructure
- Education and Research
- Staffing



---

# *IT Governance*

---

## **IT Governance and PMO – Status**

- IT Governance
  - » Committee Established to Recommend Formal Structure
- Project Management Office
  - » Client Survey Underway



---

# *Banner & Ancillary Systems*

---

## **Banner & Ancillary Systems – FY 17 Focus**

- Academic Reorganization
- Recruitment
- Student Success
- Efficiency
- Mandates

## **Banner & Ancillary Systems – Status**

- Academic Reorganization
  - » Major Tasks Complete
- Transfer Articulation
  - » Transfer Credit Web Site – In Testing
  - » Process Automation – Two Processes in Testing
- Degree Works
  - » COBE Live
  - » Seeking Additional Resources
- GradesFirst
  - » Live. Interface Updates Underway

## **Banner & Ancillary Systems – Status**

- Recruit CRM
  - » Reassessing
- Onbase Transfer Articulation
  - » Reassessing
- WebFOCUS
  - » Upgrade underway
- Banner Document Management
  - » Upgrade underway
- Reporting Solution
  - » Committee formed to study options



## **Banner & Ancillary Systems – UNC Mandates**

- Student Data Mart
  - » Upgrade Complete
- Uniform Residency
  - » Updated and Testing Underway
  - » Go-live February 2017
- Oracle 12c
  - » Deployed in TEST
  - » Testing Underway
  - » Delayed to February 2017

## **Fixed Tuition Mandate**

- Policy approved in January
- New, degree-seeking, resident freshman or transfers
- Continuous enrollment for eight or ten semesters
- Transfer students will continue to enjoy fixed tuition
  - » No break in enrollment
  - » Then current rate of new university
- Special Circumstances
  - » Military service obligation, medical debilitation, disability
- Modifications Drafted by UNC GA
  - » Solution must be in place by July, 2017



---

# *Infrastructure*

---

## **Infrastructure – FY17 Focus**

- Network Upgrade Initiative
- Network Security Initiative
- Cloud Initiative

## **Network Upgrade Initiative – Status**

- **Fiber Plant Upgrade**
  - » Requoting External Assessment
- **Interim Upgrades**
  - » Core Fiber Loop – PO Issued
  - » Second NC-REN Connection – Under Review
- **Remote Site Connection Upgrades**
  - » Initial Upgrades Complete
  - » Remaining Sites Under Review
  - » Domain Controller Expansion

## **Network Upgrade Initiative – MDF**

- North Main Distribution Frame (MDF) Upgrade
  - » Primary Network Location
  - » Engineer Engaged
  - » Expect Upgrades over Summer

## **Network Security Initiative – Status**

- **Perimeter**
  - » Assessment Underway
  - » Perimeter Security Standard Drafted
- **Network Segmentation**
  - » Pilot Underway in Bluford Library

## **Network Security Initiative – New Projects**

- Call Manager and Contact Center
  - » Redeployment Underway
- Domain Migration
  - » Restarted.
  - » Completed about 150 migrations in December and January



## **Network Security Initiative – Network Closet Remediation**

- Total: 174
- UPS Upgrades
  - » VoIP Support
- Door and Environmental Monitoring
- Key Changes
- Three Phases
  - » 1 – Dedicated Closets
  - » 2 – Shared Closets
  - » 3 – Cabinets
- Allows NC A&T to address initial needs quickly

## Cloud Initiative – Status

- Azure Active Directory and AD Federation Services
  - » Delayed due to Network Issue
  - » Go Live in February
- UNC CIO Council Cloud Strategy
  - » Strategy Proposal Presented
  - » Will Tie to Banner Hosting
  - » Full Nature of Changes Unclear



---

*Education and Research*

---

## **Education and Research – Status**

- Classroom Equipment and Computer Lab Assessment
  - » Complete
- College and Department Planning Sessions
  - » Underway
- Proposed Campus Funding and Support Model
  - » Under development
- Current Projects
  - » College of Education
  - » Department of Journalism & Mass Communications



---

# *Staffing*

---

# Technology Support Needs Assessment

- Data Collection Delayed
- College Meeting Began in January
- Staff Interviews Launch in February



NORTH CAROLINA AGRICULTURAL  
AND TECHNICAL STATE UNIVERSITY

---

# *CONCLUSION*

---

*AGGIES DO*