



NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY

TECHNOLOGY STRATEGY STATUS UPDATE

Tom Jackson

Vice Chancellor for Information Technology Services

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BOT Business Affairs Committee

AGGIES **DO**

Technology Strategy Implementation FY18

- Infrastructure
- Education and Research
- Staffing
- ISO 27002 Standard



Infrastructure

Ongoing Infrastructure Products

- Core fiber loop
- Second NC-REN connection
- Wireless expansion
- Craig equipment room upgrade
- Perimeter firewall installation
- Telephone system re-configurations

Network Layers

- Core
- Distribution
- Access
 - » Replace 400+ switches
 - » Cost between \$2 and \$3 million
- Wireless



Education and Research

Classroom and Computer Lab Strategy

- Equipment rotation cycle
 - » 5 year cycle
 - » 3 or 4 year computer cycle
- Discipline appropriate technology
 - » Adding Macintosh support
 - » High end computers where needed
- Establish campus-wide baseline
 - Baseline
 - » Laser Projector
 - » Automated Projection Screen
 - » Crestron Control System
 - » Instructor's Computer
 - » Instructor's Podium
 - » Sound System
 - » Occupancy Sensor
 - May substitute interactive displays for projectors and screens

Classroom and Computer Lab Upgrades

	2017 Spaces	2017 Computers	2018 Spaces	2018 Computers
A/V Upgrades (Classrooms, Auditoriums, Conference Room)	57	50	81*	82**
Computer Labs with A/V Upgrades	7	170	7	135
Computer Labs	8	138	3	58
TOTAL	72	358	91	275

* 14 Spaces in NACB will receive only projector upgrades

**17 Spaces in NACB will receive podium computers only and 5 spaces in Carver will receive classroom computers only



Staffing

ITS Reorganization Status

- Search Firm
 - » Deputy CIO
 - » Associate VC Data Governance
 - » Director, Enterprise Applications
- Interviews
 - » Director, Network and Systems
- Filled
 - » Director, Client Technology
 - » Director, IT Project Management and Business Operations



ISO 27002 Standard Implementation

Status

- Policies
 - » Information Security Policy complete
 - » Acceptable Use Policy in draft
- Operating Standards
 - » Seven standards under development
- Information Security Management
 - » Seventeen (17) projects underway
- Consolidation
 - » Working with College of Health and Human Services

Questions?