



NORTH CAROLINA AGRICULTURAL  
AND TECHNICAL STATE UNIVERSITY

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# *STRATEGIC INFORMATION TECHNOLOGY INVESTMENTS*

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Tom Jackson

Vice Chancellor of Information Technology and Chief Information Officer

July 11, 2018

Board of Trustees Retreat

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*Strategic Information Technology  
Investments*

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# Infrastructure

- Network upgrades
  - » Access layer
  - » Security
  - » Cyber infrastructure
- Fiber expansion and upgrades
- Server and storage upgrades
- Wireless upgrades

## Business Technology

- Electronic forms and process automation
- Operational reporting platform
- Data remediation
  - » Data governance and standards
  - » Business intelligence and analytics
- Banner 9
  - » Integration
  - » Efficiency

## Academic Technology

- Classroom and computer lab upgrades
- Faculty and staff technology development and training
- Faculty and staff computers
- Large open labs

# IT Development Initiative

- ISO 27002 Standard
  - » Policy and standard development
- Information Security Program
  - » Security education program
  - » Cybersecurity insurance
  - » Security applications
- Compliance
  - » Information security assessments and IT risk assessment

## Space

- ITS office space
- Data center
- Learning commons
- Large open labs

# Funding and Staffing

- Funding
  - » Title III
  - » Education and Technology Fee
- Staffing
  - » Additional positions
  - » Student technicians
  - » Consultants



## Sample Estimated Costs

- Network access layer – \$3M to \$4M
- Wireless upgrades – \$750K
- Classrooms and computer labs – \$4M estimated
  - » \$2.9M in FY 17 and 18
- Information security program – \$1.5M



# *Questions?*