Information and Education Technology
MSCHE Accreditation

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Communications

Sometimes both sides of a conversation have a blind spot.
Information Technology

• MSCHE
  - Develop comprehensive technology ops plan and staffing (COSA/CIO)
  - External comprehensive IT assessment (COSA/CIO)
  - IT implementation schedule for potential funding (URC/COSA/CIO)

• Actions
  - ITD Transformation
  - Support Contract
  - Training Capability
  - IT Strategic Plan

• Foundation
  - Process Improvement
  - Compliance
  - Governance
  - Modernization

• Tools
  - Student Information Systems
  - Sharepoint
  - Google Apps for Gov’t

• Planning
  - AY 14
  - Strategic Plan Implementation
  - POM
Academic Computing Environment

**Student Carrel**
- Wireless
- BYOD

**Faculty Office/Home**
- Wireless
- Workstation
- Ops Network
- BYOD

**Library**
- Wireless
- Ops Network

**Classroom**
- Ops Network
- Wireless
- Projector

**Kiosk**
- Ops Network

**Tasks**
- Create
- Consume
- Research
- Grade
- Collaborate
- Discuss
- Lecture

**Tools**
- Google
- Blackboard
- Exchange
- Sharepoint
- FileShare
- SIS
- VTC
- Workstation
- BYOD

**BYOD Dongle**
- Workstation
- Screen
- Whiteboard
Strategic Outline

2013
- Client Modernization
- ITD Consolidation
- Google Apps for government
- Sharepoint
- Correct CAT 1’s
- Systems Analysis Project
- Management SIS
- Lifecycle Replacement

2014
- Enterprise Email Collaboration
- Single Enclave
- Business Process Improvement
- Web Content Management
- System Migration & Consolidation
- NIPR Migration
- Lifecycle Replacement

2015
- Cloud Transitions
- Improved Connectivity
- Lifecycle Replacement

2016
- Integrated Information Environment
  - Cloud Connected Collaborative Assured
  - Lifecycle Replacement

Functionality and Usability

Good
MSCHE Monitoring Report

Description: Actions specified in MSCHE Letter to NDU-P dated June 29, 2012. Standards NOT met are 3 (Institutional Resources) and 5 (Admin).

- Develop comprehensive technology ops plan and staffing (COSA/CIO)
- External comprehensive IT assessment (COSA/CIO)
- IT implementation schedule for potential funding (URC/COSA/CIO)
- Revise strategic plan using 6 February 2012 mission statement (AA/Colleges)
- Operationalize University strategic goals and objectives linked to mission (AA/Colleges)
- Develop a comprehensive multi-year budget process to set priorities (URC/EC)
- Use Collaborative process to develop new goals (AA)
- Connect Strategic Planning Goals to decision making (AA)
- Implement institutional level assessment activities for renewal processes (AA)

30 November 2012 Status
- External IT assessment complete (J-6, J-7, 93rd Brigade) but have not seen a written report.
- NDU Strategic Plan tying goals and objectives to new mission complete; working to operationalize for decision making.
- Need to address URC and EC processes for setting priorities and making decisions. How do we prioritize based on mission and decide funding for each?
Inputs and Outputs

Inputs
- Network Operations
- Information Assurance
- Application Support
- Help Desk
- Project Management
- User Involvement
- Training
- Systems Analysis

Outputs
- Email
- Office
- Internet
- Collaboration
- Business Process Improvement
- Education Services
- Web Content Management
- Office Productivity
The Challenge

Governable
Updateable
Useable
Monitorable

Good

Primary Transition Tasks

Mitigate CAT 1 security findings
- Re-engineer network
- Improve HBSS configuration
- Third party software updates
- Network Access Control
- Network Monitoring
- Activity Logging/Auditing
- Configuration Mgmt

SCCM/SCOM
Win7 Migration
Support Contract Transition
ITD Consolidation
Active Directory Reconfiguration

Budget Profile
Project Mgmt
Personnel
NIPR v. Comm

Progress

Google Apps, Sharepoint

Assured

Cloud

Connected

Collaborative

Difficult to Govern
Impossible to Update
Unresponsive/Unusable
Expensive to Monitor
**Initiatives**

- **Govern-able**
- **Update-able**
- **Use-able**
- **Monitor-able**

- **Foundational**
  - Configuration management
  - Project Management
  - Decision Making Process
  - Battle Rhythm
  - Compliance
  - SCCM
  - Network Modernization
  - Client Modernization

- **Physical**
  - Sharepoint (Std 3)
  - Google cloud
  - SIS (Std 3)
  - Internet Wireless

- **Organizational**
  - ITD Transformation
  - Support Contract
  - Training

- **Retirements**
  - AppNet
  - DES
  - uNet
  - uNet Financials

- **Planning**
  - AY 14
  - Strategic Plan
  - POM

Cloud Connected Collaborative Assured
MSCHE Requirements

**Administrative**
- CIO Strategic Plan (Std 2)
  - Link to NDU Strategic Plan
  - Link to Budget
- External IT assessment (due 1 Jun) [Std 3]
  - Include review of staffing needs
- Prepare section so people will want work here [Std 3]
  - Leaders and specialists
- Survey of performance for IT, Academic, etc. [Std 5]
- Institutional Assessment Capability [Std 5]
- Personnel Readiness [Std 3]

**Physical**
- SIS (Std 3)
- Collaboration System (Std 3)
- Infrastructure (Std 3)