IT COMMUNITY TOWN HALL

JANUARY 11, 2017
AGENDA

-OneIT for Georgia Tech
-IT Governance
-Data Center Migration
-LMS Update
-General Information Items
OneIT for Georgia Tech
How do we more effectively drive innovation across enterprise IT?
Technology that enables....

Teaching & Learning

Research

BackOffice Operations

.....across two or more units of the Institute
A COMPLIMENTARY APPROACH

Teaching & Learning Portfolio
Instructional Program Initiatives

Enterprise IT Portfolio
Enterprise IT Initiatives

Research Portfolio
Research Program Initiatives
A COMPLIMENTARY APPROACH

Teaching & Learning Portfolio
Instructional Program Initiatives

GT360
Enterprise IT Strategy
Integrated
Intuitive
Holistic
Engaging
Trusted
Transformative

Research Portfolio
Research Program Initiatives

CREATING THE NEXT
GT360: LOOKING FORWARD

GT360

Enterprise IT Strategy
- Integrated
- Engaging
- Intuitive
- Trusted
- Holistic
- Transformative

Five & Five
- Organizational Performance Management
- Transformation Early Wins
- Technology Business Model
- Enterprise Systems & Strategy
- Creating Innovation Capacity

OneIT
- Shared Values
- Common Methodologies
- Increased Collaboration
- Effective Governance
- Continuous Improvement

Digital Experience Footprint
- Student Information Systems
- Financial Systems
- Human Capital Management
- Learning Management System
- Customer Relationship Management
GT360

The Next Enterprise IT

Integrated
Intuitive
Holistic
Engaging
Trusted
Transformative
Current Initiatives

Organizational Performance Management
Transformation Early Wins
Technology Business Model
Enterprise Systems & Strategy
Creating Innovation Capacity
OneIT

Building the IT Community

Shared Values
Common Methodologies
Increased Collaboration
Effective Governance
Continuous Improvement
Digital Experience Footprint

Core Technology

Student Information Systems (SIS)
Financial Systems
Human Capital Management (HCM)
Learning Management System (LMS)
Customer Relationship Management (CRM)
GT360: LOOKING FORWARD

GT360

Enterprise IT Strategy
- Integrated
- Intuitive
- Holistic

Engaging
Trusted
Transformative

Five & Five
- Organizational Performance Management
- Transformation Early Wins
- Technology Business Model
- Enterprise Systems & Strategy
- Creating Innovation Capacity

OneIT
- Shared Values
- Increased Collaboration
- Streamlined Service Delivery
- Effective Governance
- Continuous Improvement

Digital Experience Footprint
- Student Information Systems
- Financial Systems
- Human Capital Management
- Learning Management System
- Customer Relationship Management

CREATING THE NEXT
IT Governance
CHALLENGES WITH CURRENT MODEL.....

...Not well understood by stakeholders
...Lack of teaching & learning focus
...Had become ineffective and unproductive
...Inconsistent adherence to planning
...Lack of an inclusive portfolio aligned with strategy
IT GOVERNANCE

8 Guiding Principles

Strategic Alignment
Transparency
Resource Impact
Performance
Learning Impact
Value Delivery
Risk Management
Innovation
8 Guiding Principles

**Strategic Alignment** – Advise and coordinate the enterprise IT portfolio and policy with institutional priorities.

**Learning Impact** – Measure the impact of the portfolio on scholarship & research.

**Transparency** – Decisions and actions made with full transparency, and clearly communicated to the Institute as a whole.

**Value Delivery** – Continuously assess the value proposition of the portfolio.

**Resource Impact** – Consider the impact on institutional resources: human, financial, space, equipment, etc.

**Risk Management** – Consider & account for risks as related to strategic initiatives.


**Innovation** – Identify, assess, and advise on innovation opportunities across enterprise IT.
IT GOVERNANCE

CIO/ELT

Steering Committee

Technology Governance

Instructional Technology Sub-Committees - TBD
Research/Pace Computing Sub-Committees - TBD

Architecture Committee

Instructional Technology Committee

Research/Pace Computing Committee

Data Governance Committee

Enterprise Applications Committee

Enterprise Applications Sub-Committees - TBD

Analysis & Support
(Business Case, Budget, Project Management)

Innovation Advisory Board
IT GOVERNANCE

2 Roles of IT Governance

Steering Committee

Functional Committees (5)
Governance Membership

Steering Committee

GT CIO
Business Strategy (1)
Teaching/Learning Strategy (1)
Research Strategy (1)
Student Engagement Strategy (1)
Online & Special Programs Strategy (1)
Strategic Consulting (1)
Committee Chairpersons (5)
Director of IT Governance & Planning (1)
Governance Membership

**Functional Committees**

Each functional committee will be co-chaired by two people. The “lead” co-chair will be someone with expertise in the functional area of the committee, with a co-chair from OIT.

Committee members should consist primarily of non-OIT resources that have experience/expertise in the functional area of the committee with a smaller number of OIT resources on the committee to provide advice on OIT aspects of the committee’s work.
IT GOVERNANCE

• **Tier 1:** A small project that is owned, funded, staffed by and only affects a single business unit, college etc. These projects do not require TGSC approval, however the project owner will enter project information and status into the Master Project List (MPL) for visibility and reporting. Including these projects in the MPL will provide an opportunity for other units that may undertake a similar project to learn from and leverage a project/solution that has already been developed.

• **Tier 2:** A project that affects multiple business units or colleges, and/or needs funding or staff from multiple units. These projects will come to the TGSC for review and approval.

• **Tier 3:** A project that affects multiple business units or colleges, and/or needs funding or staff from multiple units, but is beyond the delegated decision making authority of the TGSC. These projects will be reviewed by the TGSC and an approve/deny recommendation will be forwarded to the ELT.

<table>
<thead>
<tr>
<th>Level of investment</th>
<th>Technology Governance Involvement</th>
</tr>
</thead>
</table>
| Tier 1              | - Track/Monitor/Analyze activities in partnership with Procurement  
                      - Address issues/opportunities as they arise |
| Tier 2              | - Functional and Steering committees review proposals  
                      - Steering committee makes approval decision |
| Tier 3              | - Functional and Steering committees review proposals  
                      - Steering committee makes approval recommendation to ELT  
                      - ELT makes final approval decision |
Feedback & Additional Information

itgov.gatech.edu
Data Center Migration
GT-DataCenterExit High Level Schedule

<table>
<thead>
<tr>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q4</td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
</tr>
</tbody>
</table>

- **GT-DC Exit**
  - Program Scoping
  - Planning
  - Transform & Migration
  - Exit GT-DC

- **Cloud Migration**
  - Tech Refresh opportunistically with GT-DC Exit Migrations

1. Deadline for Apps 8/15/FY 19
2. Deadline for Infra 10/31/FY 19

- Use every opportunity to engage campus researchers and academic unit IT Directors for right fit in new datacenter
## DATACENTER MOVE

<table>
<thead>
<tr>
<th>Phased Approach</th>
<th>Proposed Guiding Principles and Direction</th>
</tr>
</thead>
</table>
| **Initial Phase** | - One Owner per Application  
- One repository as Central source of Information for all systems  
- Cloud Migration were possible |
| **Phase 2**     | - Hybrid Clouds  
- Virtualize/Densification/Optimization  
- Standard hardware, tools, design and infrastructure |
| **Phase 3**     | - Lift and Shift Remaining  
- Each OIT Director will be responsible for ensuring that no system failures happen during migration |
Learning Management System
Due to the aging nature of T-Square, Georgia Tech developed a campus-wide, explorative study of learning management system (LMS) alternatives.

- Led as Faculty driven process with Student Engagement
- Evaluate various LMS solutions using a faculty and learner data driven assessment
  - LMS Pilots
  - Develop LMS requirements based on campus input
  - LMS Vendor product information and demonstrations
- Recommend 1 or more candidates to the Provost
Phase 1: Institute LMS Recommendation
- LMS Pilot
- Requirements Gathering
- Faculty & Student Surveys
- Provost Approval
  COMPLETED

Phase 2: Solicitation through Acquisition
- RFP Release
- Evaluation
  Selection
  Acquisition
- Aug ’16 – Feb ’17

Phase 3: Implementation and Migration
- Planning
- Integration
- Training
- Migration
- September 2016 - TBD

Phase 4: Decommission T-Square
  - Identify & migrate non-classroom content to new repository
  - TBD
5 step procurement process

1. Pre-Solicitation – Requirements Gathering & RFP Development

2. PHASE 1 Evaluation: Supplier Response Scoring

3. Round 2 Evaluation: Demo, Sandbox, Detailed Tests & 2nd Scoring

4. Best & Final Offer & Contract Negotiations

5. Award – Issue PO

LMS EVALUATION PROJECT
CURRENT STATUS
General Information Items
Upcoming Priorities

DUO Rollout Completion – January 23

Security Posture Assessment – February 28
SECURITY POSTURE ASSESSMENT

No current solution or strategy

Cisco 5585x

Variety of Solutions: FireEye, Tanium, Crashplan
None completely installed.
GENERAL INFORMATION ITEMS

Upcoming Priorities

DUO Rollout Completion – January 23

Security Posture Assessment – February 28

DropBox

EduRoam

Unified Communications Kickoff - April 1
### HELPFUL URLs

<table>
<thead>
<tr>
<th>Service</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquia</td>
<td>saas.oit.gateche.edu/drupal</td>
</tr>
<tr>
<td>Duo</td>
<td>twofactor.oit.gatech.edu</td>
</tr>
<tr>
<td>DropBox</td>
<td>saas.oit.gatech.edu/dropbox</td>
</tr>
<tr>
<td>EduRoam</td>
<td>oit.gatech.edu/eduroam</td>
</tr>
<tr>
<td>Governance</td>
<td>itgov.gatech.edu</td>
</tr>
</tbody>
</table>
IT COMMUNITY TOWN HALL

JANUARY 11, 2017