

OIT Projects, Fall 2017

Senior Leadership Team
September 27, 2017



OIT Strategic Initiatives

Keep CMU Safe

- Continue Policy Buildout
- Expand Security Awareness
- Expand Proactive Monitoring
- Harden the Perimeter
- Strengthen Authentication
- Expand Use of HIPAA Controls
- Augment Research Computing Protections

Modernize and Consolidate

- Plan for SAP Upgrade
- Modernize Online Student Services
- Support Common Functions
- Simplify Research Computing Options
- Continue EPIC EMR Consolidations
- Digital Phone Conversion
- Prepare for IPv6

Transform OIT

- Increase Focus on Academic and Research Computing
- More Self-Service through TDX
- Standardize Incident Management Protocol
- Improve Project Intake and Delivery through Project Management Office

OIT Strategic Projects - Fall 2017

Keep CMU Safe

- Continue Policy Buildout → Global ID Password, Data Stewardship, Secure Configurations - Workstations
- Expand Security Awareness → Online Awareness, Phishing Simulation
- Expand Proactive Monitoring → Vulnerability Scanning Program
- Harden the Perimeter → Firewall Installation - in Watch Mode for now
- Strengthen Authentication → New Password Rules, Annual Password Reset
- Expand Use of HIPAA Controls → Review Controls across CMED, CHP, HR, other clinical operations
- Manage Devices → Secure Configurations - Workstations implementation

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Modernize and Consolidate

- Plan for SAP Upgrade → Build an understanding of hosting and conversion costs and options by 2025
- Modernize Online Student Services → Admissions Application, Pre-Billing Website, Financial Aid Website, Multi-Term Registration, Advising Tools
- Support Common Functions → First up, Space Planning and Management
- Simplify Research Computing Options → ICEBOX for Protected Datasets
- Continue EPIC EMR Consolidations → Clinical Operations, UHS, Up Next - Carls Center (incl. Autism Center)
- Digital Phone Conversion → By Division, Year 1 of 3 Underway
- Prepare for IPv6 → Exploring Partnership with Merit

OIT Strategic Projects - Fall 2017

Transform OIT

- Increase Focus on Academic and Research Computing
 - Internal reorganization focused on IT support to colleges, combined support for CEHS, CSO, and CCFA
- More Self-Service through TDX
 - If we did it once, we'll do it again - standardize, document, automate
- Standardize Incident Management Protocol
 - Need to extend outside OIT, document processes
- Improve Project Intake and Delivery through Project Management Office
 - First Phases - new development methodology; management of smaller projects
 - Second Phase: Management of larger projects and programs

Questions?