2023-24 USHE IT Strategic Plan

Ensure security of - and appropriate, timely access to data

Strategic Security Plan

1. Apply the following risk management objectives

   - Communicate security posture and risk exposure to key stakeholders
   - Align security objectives with strategic business goals, cybersecurity standards, tools, and policies
   - Establish acceptable security and risk tolerance levels
   - Document security requirements in policies and procedures
   - Create a tactical plan to progress from current state to desired state
   - Obtain sufficient resources to reach security goals
   - Measure progress toward industry standards and desired security state

2. Adhere to and audit against the CIS controls adopted into USHE policy R345

3. Comply with the changing compliance landscape (e.g., PCI, HIPAA, GDPR, FERPA, ITAR, GLBA, CMMC) (all institutions have rules in place and have made significant strides in compliance)

Increase fiscal and operational efficiency through shared services, plans, standards, and information sharing

Shared services-current

- UETN network connectivity at no cost to the institutions
- UETN statewide software agreements (see page 2)
- USHE cybersecurity assessments
- Internal and third-party security audits
- HETI funding-shared software agreements (see page 2)
- U of U support and sharing of research computing resources

Shared services-new initiatives

- Negotiate statewide Adobe and Microsoft agreements
- Pursue continued state funding for cybersecurity insurance premiums
- Investigate self-insurance or captive insurance

Increase fiscal and operational efficiency through shared services, plans, and information sharing (cont.)

Shared common standards and plans-current

- Create uniform cybersecurity policies with sanctions
- Align security plans, standards, capabilities, architecture, tools, and training

Shared common standards and plans-new initiatives

- Develop a plan and request through UETN for ongoing legislative
- funding to obtain resources to achieve the strategic security plan

Current issue focus

- Share and institute best practices across institutions through topical gatherings coordinating the work of ISO, UTTC, and UBUG.
- Create an Identity and Access Management (IAM) committee
- Share information from Gartner, Educause, WestNet, RUCC, etc.
- Investigate and share strategies around current and emerging IT issues
  - Third-party risk management
  - Cloud storage
  - Service deprovisioning
  - Artificial intelligence
  - Hybrid work environment strategies
  - Data Analytics
  - IT service management
  - ERP investigation
  - Artificial intelligence
  - Chatbots

Support efforts to increase student access and completion

Student support

- Align USHE accessibility standards with national standards
- Define the functional requirements of CRM and analytics and how they relate to the strategic vision of our institutions
- Define clear pathways to obtain improved student completion
- Review the UTTC inventory on student services applications and tools and look for opportunities to cooperate on:
  - Scheduling technology
  - Student CRM
  - Student mobile
  - Student data analytics
  - Proctoring solutions
  - Online advising

2023-24 USHE IT Strategic Plan

UETN Statewide Software Contracts

- o Canvas Cloud Subscription
- o Canvas 24x7 Support
- o Canvas Tier 1 Support
- o Canvas Add-Ons
- o Kaltura
- o Pressbooks
- o Online Learning Consortium
- o Respondus 4.0
- o Respondus LDB
- o Respondus Monitor
- o Portfolium
- o Proctorio
- o Annoto
- o 3 Play Media
- o Ally
- o Atomic Jolt
- o CopyLeaks
- o EverFi
- o Examity
- o Feedback Fruits
- o Get Inclusive
- o Nearpod
- o Portfolium
- o Proctorio
- o Read Speaker

UETN Statewide Software Contracts (cont.)

- o Rev.com
- o Turnitin-Grader
- o Vector Solutions
- o Verbit

New Statewide Contracts Under Review

- o Microsoft
- o Adobe
- o Zoom

HETI Funded Shared Software Agreements

- o Adobe
- o DUO Security
- o Ellucian Support for Banner
- o Ellucian Data Defense
- o Evision Intellecheck Payroll
- o Evision Intellecheck Accounts Payable
- o Evsion Form Fusion
- o Oracle
- o VMWare
- o Security Assessments