



UTAH SYSTEM OF  
HIGHER EDUCATION

# MEMORANDUM

TAB D

November 20, 2020

## UETN CARES Act Funding

During a 2020 Special Session, the Utah Legislature appropriated \$125,000,000 of federal CARES Act funds to the Utah Education and Telehealth Network to enhance online learning technologies and improve the state's educational IT infrastructure in response to the coronavirus pandemic. Working closely with USHE Chief Information Officers, UETN allocated approximately \$47 million of the CARES Act funds to the sixteen USHE institutions. The institutions submitted detailed proposals and timelines to UETN on how to spend the funds, which must be expended by the end of the 2020 calendar year. Uses contained in the proposals include: IT security, network enhancements, software, assistance for students and faculty, device lending, and distance education.

In addition to the funds allocated directly to the institutions, UETN used CARES Act funds to pay for consortium software contracts for a three- to five-year period. Examples of these contracts include Proctorio, Verbit Captioning, 3Play Media, and Canvas. Additionally, the eight technical colleges were added to three five-year systemwide contracts (such as Adobe). The CARES Act funding will provide lasting benefits to USHE students and the State of Utah, and the time, effort, and preparation exhibited by UETN and USHE CIOs in responsibly using these funds is commendable. Additional information on the CARES Act funds provided to USHE institutions is included in the attached presentation.

### Commissioner's Recommendations

This is a discussion item only; no action is required.

### Attachment:

# UETN CARES Act Funding

STEPHEN HESS 2020 UPDATE

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## Utah CARES Funding Overview

- \$125 million for COVID-19 assistance 250 projects administered by UETN
  - ✓ Higher education
  - ✓ UTECH institutions
  - ✓ K-12
  - ✓ Charter schools
  - ✓ Libraries
  - ✓ Healthcare

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graph TD; A[Project proposal] --> B[Approval]; B --> C[Weekly reporting]; C --> D[Proof project is up and operational no later than December 30, 2020]
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## Statewide UETN Projects

- Training for faculty (incentive received upon completion)
- Telehealth projects and the Telemedicine platform
- State of Utah network infrastructure upgrades and 100 gig speed
- Statewide software contracts for public and higher education
- Network filtering for public education

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## UETN CARES Act Funding-Benefits to USHE

- Roughly \$47 million allocated to the higher-education institutions in addition to the software contracts negotiated and paid for by UETN with CARES Act funding
- Funds are being distributed in response to the public health emergency to be used by higher education institutions for items such as:
  - Network enhancements
  - IT Security
  - Software
  - Assistance for students and faculty, device lending
  - Distance education

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## UETN Shared Software Contracts

| UETN Software           | U of U | USU | WSU | SUU | Snow | Dixie | UVU | SLCC | UTEH |   |
|-------------------------|--------|-----|-----|-----|------|-------|-----|------|------|---|
| 3 Play Media Captioning | X      | X   | X   | X   | X    | X     | X   | X    | X    | Paid to June 2021 with CARES Act funding          |
| Ally                    | X      | X   | X   | X   | X    | X     | X   | X    | X    |   |
| Canvas                  | X      | X   | X   | X   | X    | X     | X   | X    | X    | Paid to 2025 with 40% UEN & 60% CARES Act funding |
| EBSCO                   | X      | X   | X   | X   | X    | X     | X   | X    | X    |   |
| Everfi                  |        | X   | X   |     | X    |       |     | X    | X    |   |
| Examiy                  |        |     |     |     |      |       |     |      |      |   |
| Kaltura                 | X      | X   | X   | X   | X    | X     | X   | X    | X    |   |
| Portfolium              | X      | X   | X   |     |      |       | X   |      |      | Paid to June 2021 with CARES Act funding          |
| Proctorio               |        | X   | X   | X   |      | X     |     | X    | X    |   |
| Respondus 4.0           | X      | X   | X   | X   | X    | X     | X   | X    | X    |   |
| Respondus LDB           | X      |     |     |     | X    | X     | X   | X    | X    |   |
| Turnitin                | X      | X   | X   |     | X    |       | X   |      |      |   |
| Unicheck                |        |     |     | X   |      |       |     | X    |      | Paid to June 2021 with CARES Act funding          |
| Verbit Captioning       | X      | X   | X   | X   | X    | X     | X   | X    | X    |   |

Estimated Consortium savings of \$10.6 million

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## USHE Software Contracts Managed by the U of U

| System-wide Software Contracts        | U of U | USU | WSU | SUU | Snow | Dixie | UVU | SLCC | UTECH |  |
|---------------------------------------|--------|-----|-----|-----|------|-------|-----|------|-------|--|
| Ellucian Support                      |        | X   | X   | X   | X    | X     | X   | X    |       |  |
| Oracle Maint. on Existing Licenses    |        | X   | X   | X   | X    | X     | X   |      |       |  |
| Oracle NEW License Maint (2 yr)       |        | X   | X   | X   | X    | X     | X   |      |       |  |
| Oracle RAC ( UVU )                    |        |     |     |     |      |       | X   |      |       |  |
| Data Cookbook                         | X      | X   | X   | X   | X    | X     | X   | X    |       |  |
| Evision (Intelle Check Accts Payable) |        | X   | X   | X   | X    | X     | X   |      |       |  |
| Evision (Intelle Check Payroll)       |        | X   | X   | X   | X    | X     | X   |      |       |  |
| Evision (Form Fusion)                 |        | X   | X   | X   | X    | X     | X   |      |       |  |
| DUO SecutiY                           | X      | X   | X   | X   | X    | X     | X   | X    |       |  |
| VMWare                                | X      | X   | X   | X   | X    | X     | X   | X    |       |  |
| Adobe                                 | X      | X   | X   | X   | X    | X     | X   | X    | X     | All 8 UTECH institutions were added to the system-wide Adobe contract which provided them with a 3 ½ year contract paid for with CARES Act funding |
| Ellucian Data Defense                 |        |     | X   |     |      |       | X   | X    |       |  |
| Identity Finder                       | X      | X   | X   | X   | X    | X     | X   | X    | X     |  |
| Technet HR                            | X      | X   | X   | X   | X    | X     | X   | X    | X     |  |

Estimated consortium savings of \$3.6 million

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## Ways We Are Working Together

- Software contracts and joint procurement to save money
- Joint security audits
- Regular meetings with USHE CIOs and UTECH IT directors where we address concerns, share best practices, and work together to accomplish our goals
- The CARES Act funding will provide long-lasting benefits to our students, community, and the state of Utah as a whole. The time, effort, and preparation that has already gone into these projects is remarkable!

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## 2020-21 USHE IT Operating Plan

### Ensure security of - and appropriate, timely access to - data

#### USHE R345 Regents Security Policy Changes and Security Standards

1. Adopt CIS control standards and the Mitre Att&ck cybersecurity framework as the USHE security standard along with the following initiatives
  - a. No private or restricted information on personal devices or unprotected college or university servers and computers
    - b. Encrypt all computers and servers with PII, PHI, and FERPA data
  - c. Comply with the changing compliance landscape (e.g., PCI, HIPAA, GDPR, FERPA, ITAR, GLBA) (all institutions have rules in place and have made significant strides in PCI and GDPR compliance)
  - d. Provide annual security awareness user training for all USHE schools (Look into shared training videos.)
  - e. Continue with USHE security audits with expanded review of the security organization, policies, training, and security tools. Assess 4 remaining institutions and determine a baseline for auditing the UTECH institutions

#### Security Tools

1. Install advanced malware endpoint protection (\$1,000,000 ongoing)
2. Install next generation network firewalls

#### Network Upgrades Essential for Security

Install edge network equipment to meet IOT, Network Access Control, and CIS security standards (\$4.9 million ongoing). Report on progress.

### Increase fiscal and operational efficiency across the system

- Leverage USHE's and UTECH's size to save on software contracts from Salesforce, Microsoft, Ellucian (Banner), Duo, Box, etc... UTTC will handle teaching and learning software and Bill Lutz will handle administrative software
- Develop and share best practices for acquisition, integration, and implementation of enterprise software
- Share and institute best practices across institutions through topical gatherings

### Increase fiscal and operational efficiency across the system (cont.)

- Increase maturity on disaster recovery and business continuity with the NISST committee benchmark standards and audit process
- Purchase and install equipment, software and report on proposed CARES Act funding projects
- Meet with UTECH institutions to determine their needs and common objectives with USHE institutions
- Align with Gartner & Educause 2020 Top 10 Business and Technology trends in setting strategic and operational priorities
- Collaborate to improve campus and USHE analytics decisions support working toward establishing a single source of truth

### Support efforts to increase student access and completion

- Review accessibility issues and increase maturity on electronic accessibility
- Adopt the student success diamond model presented by the University of Utah as a foundation for student-centered collaboration opportunities
- Define the functional requirements of CRM and analytics and how they relate to the strategic vision of our institutions
- Develop alternative testing methods and new ways to determine student success
- Define clear pathways to obtain improved student completion.
- Review the UTTC inventory on student services applications and tools with institutions compiled inventory on student services applications and tools, identify gaps and look for opportunities to cooperate on:
  - o Strategic scheduling technology
  - o Business intelligence capability
  - o Student CRM
  - o Student mobile
  - o Student data analytics

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