



University Technology Fee Advisory Board
Agenda – February 21, 2017 / 4:00PM
Library Room 203

2016-2017 Officers:

Adam Lynch, Chair

Blaire MacNeill, Vice Chair

Krissy Wegen, Secretary

Attendance: Adam Lynch, Chair, CNS; Blaire MacNeill, Vice Chair, CVMBS; Krissy Wegen, Secretary, ASCSU; Nicole Ramo, GSC; McKenzie Fulcer, CVMBS; Heather Nereson, CHHS; Chris Schaumberg, GSC; Casey Franklin, WCNR; Cody Hernandez, ULC; Edgar Cedillo, ULC; Scott Baily, ACNS; Jason Huitt, ACNS

- I. Call to Order & Introductions
- II. Approval of Minutes from February 14, 2017 Meeting
 - a. Minutes approved by unanimous consent
- III. Presentations
 - a. Office 365 FY18 Presentation
 - i. Since July, 2014 CSU students can download up to 5 copies of MS Office Professional
 1. No direct charge to students
 2. Less expensive and more convenient than previous student purchase options
 3. ASCSU voted – agreed to split cost
 - ii. Other student options for MS office
 1. MS office (Home & Student 2016) - \$115
 - a. Valid to install on only 1 device
 2. MS Office 365 University - \$79.99
 - a. 4-year subscription – up to 2 devices
 3. “Information Workers” – licenses for MS office (via Office 365)
 - a. All faculty, staff & students may download up to 5 copies for MS Office Professional
 - i. Students have an average of almost 4 devices
 - iii. Summer '14 funding challenge
 1. Campus ready to contribute \$350k/year
 - a. Budget neutral at the campus level
 2. Additional funded needed from students
 - a. \$1/student-semester = \$2/student-year
 - b. Assuming 27k students, \$54k/year
 - c. Agreed to 1-time split: \$15k ASCSU
 - iv. Student benefit
 1. Every student can benefit from this
 2. Latest version of Office on multiple devices
 3. Fits within existing fee structure

- v. Academic year '17 student downloads
 - 1. 5385 students to date, 8473 activations
 - 2. Up 57% from same period last year
 - 3. Since 2014, about 13k students have benefitted
- vi. Increasing awareness
 - 1. RAMtech posters and info campaign
 - 2. Ramweb
 - 3. Facebook
 - 4. Collegian articles
- vii. FY 18 funding request
 - 1. Continue student support at the current rate
 - 2. Current student headcount: 28,297
 - 3. At \$2/student – about \$55k/year
- viii. UTFAB funding criteria
 - 1. Remain within UTFAB funding criteria

Question: could you market at the food court? *Answer:* I think we've tried but we could try again.

- b. Network Switch Upgrade/Replacement Briefing
 - i. Ethernet switches
 - 1. Specialized electronics attaching networked devices to campus/internet resources
 - 2. Provides foundation for supporting the everyday missions of the campus
 - 3. Located on every floor (typically) of every building
 - 4. Managed by Network Operations Center (NOC) staff in ACNS
 - ii. Types of building switches
 - 1. 1U – 1 rack unite
 - a. Less expensive
 - 2. Chassis
 - a. 3U, 6U
 - iii. The issues
 - 1. Years ago, departments purchased networking gear and managed it internally
 - 2. Now, all campus networks are managed centrally, by ACNS
 - 3. Unlike classroom and Wi-Fi, there is no funding mechanism for refreshing Ethernet switch technology
 - iv. Old switches
 - 1. 10+ years old
 - 2. Lack features and functionality
 - a. E.g. gigabit connectivity, secured access control, Power over Ethernet, advanced capabilities, etc.
 - b. Difficult to find replacement parts – fans, power supplies, etc.
 - 3. Switch vendors don't update code on End-of-Life (EOL) equipment
 - a. Too susceptible to security vulnerabilities and compromise
 - v. 38,000 network attached computers, printers and other devices – excludes residence halls and Wi-Fi devices

1. 950 switches make these 38k devices “work”
 - a. Estimated \$3M total replacement value
- vi. UTFAB involvement
 1. Presidents student financial advisory council
 - a. Asked to identify significant needs of the campus
 2. 4,055 Switch Ports have been identified as direct support of teaching and learning
 3. Opportunity to recognize this as a significant problem
- vii. Replacement cost scenarios
 1. Campus – \$2.6M
 2. Student – \$194k
 3. Telecom – \$360k
- viii. Recommendations
 1. Recommendation 1 – seek one-time funding to replace all end-of-life switches, even if over multiple fiscal years
 - a. Develop funding strategy to get everything on a 7-year replacement cycle in the interim
 - b. Looking for UTFAB verbal commitment to participating in the student portion of an overall replacement cycle
 2. Recommendation 2 – consider funding student component on a 7-year replacement cycle
 - a. ACNS to provide annual report showing progress, current pricing and any other changes affecting replacement cycle estimates

Question: was there a decision who was going to be financially responsible when this was moved to central responsibility? *Answer:* there was discussion but no concrete answer.

Question: have departments had to fund/make their own upgrades? *Answer:* yes, not using tech fee money though.

Question: There seemed to be a lot of consequences, can you elaborate on those? *Answer:* there are several consequences, can’t run the connection at the campus standard. The security concerns, the older the device the more likely it is to fail. Also, puts increased burden on Greg and his guys to take care of this suite of 15 year old devices. We’ve ignored this problem for as long as we can.

Question: recommendation 1 vs. 2 recap. *Answer:* to see if we can get funding from the provost for one-time-funding, but we would come back to you (UTFAB) to get on more of a cycle – that was recommendation one.

Question: is this is going to become a reoccurring UTFAB funded project? *Answer:* yes, not a huge hit to the overall UTFAB budget but it would be a reoccurring one, similar to Office.

Question: do you expect any inflation in these costs? *Answer:* usually prices don’t go up in stuff like this, prices will stay constant for the current level of technology. But, that’s why I said every year we would re-asses, it could vary some.

IV. Old Business

- V. New Business
 - a. Legitimacy Vote – Office 365 - \$55,112
 - i. Office 365 voted legitimate by unanimous consent
 - b. Bylaws Review Meeting – *Thursday March 2nd* @ 4PM outside the Ramskeller
- VI. Next Meeting: Tuesday February 28, 2017 @ 4:00PM, Library Room 203
 - a. SIS FY18 Presentation
- VII. Adjourn

Spring 2017 Upcoming Meetings (4PM Tuesdays, Library 203):

- ~~2-14 - Supplemental Proposals~~
- ~~2-21 - Office 365 FY18 Presentation / Network Switch Upgrade Briefing~~
- 2-28 - SIS FY18 Presentation
- 3-7 - Classroom Support Services & Lecture Capture FY18 Presentations
- 3-14 - No Meeting - Spring Break
- 3-21 - Library FY18 Presentation
- 3-28 - Wireless Networking FY18 Presentation
- 4-3 - SFRB FY18 Presentation - LSC 308-310 @ 5PM
- 4-4 - TBD
- 4-11 - TBD
- 4-18 - TBD
- 4-25 - TBD
- 5-2 - End of Year Celebration