

Technology Board Report

Internet

Our warranty replacement Sonicwall firewall was replaced on Dec. 29, 2017. Rules and policies have been manually reconstructed. We are now in the process of leveraging the new technologies, and functionality of the software updates from Sonicwall, to better allow for unique internet access experiences between faculty, staff, administration, and students.

Met with Velocity Networks and IU5 to progress our participation in the Internet Consortium. We committed to joining the consortium last year, with a start date after our contract with Spectrum expired, which is June 2018. We currently have 100MB of internet; and in the consortium, we will be getting 800MB for less.

Phone Service

Our current phone service from Spectrum routes across our internet connections fiber transport. When we switch to the IU5 Internet Consortium, leveraging voice services on Velocity's transport will be the most cost effective. Alternatives are either reliability challenged, or less cost conscious due to the expense to provide and maintain and additional transport connection into the building.

Wireless

Met with Velocity Networks, and Connectivity Solutions to discuss upgrading portions of our wireless network. Our current system is 5+ years old, and our wireless dependency has more than doubled in that time. The upgrades will help better manage bandwidth, ease burdens on our internet connection, and shrink coverage gaps outdoors in support of our Emergency Response application.

Career Street

Participated in vendor evaluations with Aldo Jackson, Terri Birchard, and Jennifer Pontzer for facilitating a Career Street as a product web presence. The contemporary design, comprehensive understanding of flexible database design, and vision for achieving our growth within the website system by Fuse Lab Creative was exceptional. Fuse Lab Creative offered a much more comprehensive understanding of our goals with a system design that empowered us with full control of the growth. Their proposal left less concern for scope creep costs both upfront, and as Career Street grows into additional communities.

Student Virtual Desktop

Ms. Wilber our Art & Design instructor has long aimed to provide our students with the Adobe software so they can continue working on projects off campus. We are limited in our ability to distribute our software license. We have instead setup a Virtual Desktop service that enables remote access to our software when off campus. We are still testing the viability and stability of this concept. So far, it seems to be a capable option. One that quite possibly may empower the use of sending district 1:1 devices both on and off our campus.