

MONTHLY REPORT

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Subject: Monthly Activity Report - September 2012

- Our public wireless network firewall server was replaced with one of the CyberSpot PCs that was recently replaced. Its memory was upgraded and a free open source captive portal/firewall server application was installed, one that is much more robust and reliable than the previous one that was in use. While the computer itself is about seven years old, we have several identical models available that can be used in the event of hardware failure. To date, there have been no reports of problems accessing our wireless network with this new system, whereas problems were previously being reported on a daily basis.
- Both the Español and CyberPool computers had their memory upgraded from 512MB to 1.5GB, dramatically improving their performance. Some of the additional memory was purchased and some was taken from computers we recently replaced.
- The CyberSpot black and white printer was in need of a maintenance kit replacement (considered a serviceable item). Given the cost of the maintenance kit in addition to the cost of toner for the printer, we decided to replace it with a high quality printer that uses lower cost toner cartridges that provide greater yield per cartridge.
- Ryan Jackson of the Systems Staff has arranged with Via Technologies to supply us with an APC Android-based computer board for evaluation purposes (see <http://apc.io/>). The board—a complete computer in a 6.75" by 3.5" form factor—retails for about \$60. With the addition of a monitor, keyboard and mouse, the system is usable for browsing the web and running Android applications. Adding memory to it will also allow it to run a customized version of Linux. Since they are very much geared for web browsing and running online applications, we envision using these devices as walk-up kiosks for patrons to not only access our catalog and online resources, but also to quickly access email, online documents, etc.
- Along with the physical redesign of the Library and the addition of The Edge , we also wish to advance the edge of technology in the service of our patrons. In this pursuit, we have discussed and are investigating the implementation of audio and video production & editing, 3D printing availability, video streaming and the availability of fax, scan and more versatile print solutions. As for the latter, the hope is to be able to allow web-based submission of print jobs to the Library's public access printers—not only from computers within the Library, but also from anywhere on the web.
- Our *Computers & Internet—Public Use* policy statement should be revised and brought up to date. Please refer to the proposed revision (Agenda Item #7b) for consideration, comment and possible approval.