

# MONTHLY REPORT

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**Subject:** Monthly Activity Report - February 2017

- On February 1<sup>st</sup>, I installed ABBYY Recognition Server on a 30-day trial basis. It allows one to either upload or email a scanned image of a document, whereupon it performs optical character recognition (OCR) on the image and creates an editable text document that gets emailed back to the user. The ultimate goal is to provide a free online and in-library OCR service to our patrons. It can also be utilized to digitize and index hardcopy office files, and it could prove to be very helpful in our microfilm digitization project, as it can perform unattended OCR on many files even throughout the night. The trial period has been extended in order to conduct additional testing and development, and it will now end on March 10<sup>th</sup>.
- On or shortly before February 3<sup>rd</sup>, the proxy service on our main gateway server failed due to an unknown reason; however, the failure was not discovered until three days later, primarily because the server itself was behaving fine in all other respects. Because a large number of our databases rely on the proxy service for access, many of them were inaccessible from within the Library; however, remote access to databases was unaffected because it does not rely on the failed proxy service. I have since contacted our database vendors to have them authorize all of our public network addresses so that database access would be possible through any of our gateways.
- A backup firewall and proxy gateway server was installed to handle the network traffic that had been normally routed through our main gateway server. Staff access to the internet has been routed through this gateway in order to better balance network traffic.
- While initially trying to deploy the new proxy server around 5pm on February 14<sup>th</sup>, an address conflict caused our virtual private network (VPN) with SirsiDynix to fail, consequently causing WorkFlows to be unavailable as well as our selfchecks and anything that relied on communication with SirsiDynix (PCReservation, remote database access, etc). The address conflict was corrected immediately; however, it was approximately two hours before the VPN and WorkFlows access was restored.
- A Survivable Remote Site Telephony (SRST) router has been installed and configured. The purpose of this router is to provide emergency phone service in the event that our phone system is unable to communicate with the Call Manager server at Public Safety. The router has two Plain Old Telephone System (POTS) lines connected to it through which emergency service is possible.

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