Technology Report
April, 2023

SCLS Headquarters Move

SCLS network services will not be available between Saturday, May 27 - and Tuesday, May 30, 2023, while SCLS moves network services to its new building. This means that libraries that use SCLS as its Internet Services Provider will be without access to the Internet. In addition, other SCLS services will not be available due to the cutover. Follow this link for a list of service availability. Bibliovation, LINKcat and some databases will be available remotely, or with alternate internet access in libraries. We have a team available to help you prepare for the cutover. We ask each SCLS library to complete this form no later than Wednesday, May 24. If you request assistance from SCLS, the sooner you submit the form the better! We thank you for your patience and understanding during this service outage and we look forward to serving you from our new headquarters.

Move Preparations
The SCLS Technology Team has been continuing preparations for the move to the new building. This work includes coordination between SCLS and various entities to move the MUFN, WiscNet, and BadgerNet circuits, planning for moving the data center equipment, packing and clearing out old equipment from the Biltmore location, and preparing for setup of all technology in the new location.

MyPC Upgrade
The MyPC Client upgrade is completed. 484 public PCs had their client version upgraded to 6.4.0.7.

Windows 10 22H2 Feature Update
We have begun deploying Windows 10 22H2 Feature Update. This is the 12th Feature Update Microsoft has released for Windows 10. There are no major enhancements included in this update as Microsoft has shifted all major development to Windows 11.

Drupal 9 Migration
Live Drupal 9 sites (April): SGR, VES

The library website migration portion of the Drupal project is winding down – 41 of the 48 Drupal 7 sites have completed the migration to Drupal 9. In May, SCLS staff will begin preparing for the next phase of the project: migrating the SCLS websites to Drupal 9. These SCLS sites include the SCLS Foundation, WI Trustee Training Week, the Drupal documentation website, LINKcat Help, and the main SCLS website (that one promises to be tricky, as it is BIG and complicated).

Email Security (MFA)
We are continuing our work implementing MFA for Delivery staff email accounts, ironing out technical issues, and investigating options to make the MFA rollout smoother and more successful.

PC Repairs Suspended

To prepare for the move Emily is temporarily suspending repairs for PCs that need to be sent into SCA help desk for service. The main reason is so items will not get lost between the library, delivery, and our 2 buildings. Also it is a very busy time with moving buildings and the new BAR remodeling project wrapping up. The hold will be from May 8th to May 30th. Staff should still submit tickets for problem PCs as Emily will still review and allow PCs to be sent in starting May 30th.

Data Services

Grubby Report (CD & DVD Maintenance): In April, I completed a set of revisions to the Grubby Report dashboard based on the request of Liz Amundson, Madison Public Library (MPL) Reference & Collection Librarian. The updated dashboard replaces the previous metric used to calculate the "grubby" status of audio-visual materials with "Total Checkouts" since the ILS migration to Bibliovation. Additionally, I reformatted several dashboard elements to improve the user experience. I used a Tableau extension to create an "Excel Download" button that produces an Excel version of the dashboard data in a single click rather than requiring a multi-step process.

Local Holds Pilot Project: Also in April, I created a "Custom Views & Analysis" dashboard for the Local Holds project. The dashboard includes polished versions of visualizations I had previously used in project-related webinars and presentations. For each chart, I described my interpretation of the data and what it might indicate about the impacts of the pilot project.

Overdrive fee calculations: One of my annual tasks involves compiling the data sets used to determine proposed SCLS member library costs for the Overdrive, Overdrive Advantage, and Overdrive Magazine products. The fee calculations combine three years of usage data aggregated by format with average collection expenditures by each library over the same period. The compilation process currently requires manual data copying and pasting, making it a good candidate for future automation.

- Tim Drexler

Scripting and Reports Team

SCLS move preparations: The Scripting and Reports Team continued reviewing action items related to preparations for the SCLS building move in May 2023. The Team has already completed most of the tasks they are responsible for, and the remaining concerns involve vendor notification of address changes or server downtime.

Scripting notification compatibility with multi-factor authentication (MFA): The Team briefly discussed whether automated scripts programmed to send e-mail notifications might require revisions to comply with the requirements of MFA. The Team decided to table further research and any necessary script update projects until after the SCLS building move.

- Tim Drexler