

2016 Technology Fee Full Proposal

Title: Self-service, Express Digital Scanning: KIC Bookeye High Speed Scanners

Proposers:

Stacey Ewing

Associate Chair, Library West
srewing@ufl.edu 1352-273-2618
George A. Smathers Libraries
502 Library West

Ann Lindell

Chair, Departmental Libraries
lindell@ufl.edu 1352-273-2805
George A. Smathers Libraries
203 Fine Arts A

Sponsoring Organization: George A. Smathers Libraries

Purpose and Specific Objectives:

Purpose:

The George A. Smathers Libraries respectfully requests \$131,364 to purchase six KIC Bookeye 4 Scanners which will provide easy access to quality high-speed digital scanning options for students and faculty. This equipment has an intuitive interface with embedded universal accessibility features.

We anticipate students and faculty will use this instructional technology tool to:

- Quickly scan selected pages from books, journals, and other documents
- Easily share materials with collaboration partners
- Create keyword searchable PDF files for online teaching and learning
- Streamline process for uploading digital copies of materials to canvas
- Digitize original content such as notes, drawings, charts, etc.
- Organize research and enhance reports
- Reduce dependence on fee-based photocopying
- Save some trees by using less paper

Possible scenarios for use:

1. Student working on a group project needs to quickly share a 30 page chapter from a book with team members. Their meeting in a Library West study room begins in five minutes. In less than five minutes, the student is able to quickly scan this chapter and email a PDF file directly from the KIC Bookeye scanner to all of the team members.
2. To meet the requirements of a class assignment, an Art student needs to send jpegs of several pages from their 16 X20" sketchbook to his drawing professor. Using the KIC Bookeye scanner in the Architecture and Fine Arts Library, the student is able to easily fit the oversized sketchbook and quickly scan and save JPEG files to a USB drive. Student later uploads the files to his M Drive via UF Apps and sends the link to his professor.
3. A staff member from the UF Disability Resource Center (DRC) wants to help a blind student get access to an article that is only available in print at the Education Library. The DRC contacts the Education Library's Accessibility Liaison, the liaison pulls the journal, quickly scans the 40 page article using the KIC Bookeye scanner, and saves the file as an MP3 using the scan to voice option. The MP3 file is then emailed to the DRC and the DRC assists the student with uploading the file to her iPhone so she can listen to the article.
4. A student is working on a research paper for a history class and the professor is requiring the students to include at least three primary documents. The student visits the Special and Area Studies Collection and one of the archivists assists the student with viewing letters and ephemera concerning a Florida author. Using the KIC bookeye

scanner and its cradle option, they are able to gently and quickly scan pertinent sections of these journals without damaging these unique materials. Student is able to later transfer the files from his USB drive to his laptop and zoom in on sections where the author wrote in very small print and in other areas where the text is faded.

5. An IFAS professor doing research on lakeside erosion in Florida, needs to scan aerial photos of lakes in the North Central Florida region spanning the last 40 years. The Maps librarian assists this professor with pulling these oversized photos and using the KIC Bookeye scanner, they are able to quickly shoot high quality TIFF files of these and save them to the professor's USB drive.
6. A professor teaching Economics of Food Science has a student with a visual impairment who often uses a screen reader to assist her with reading articles for class. The professor wants everyone to read a chapter from an out of print book from his personal collection and plans on sharing a digital, educational use copy to their course page in Canvas. On the way to his office, he stops by the Marston Science Library and is able to quickly scan a copy of the chapter using the KIC Bookeye scanner. He chooses the "OCR" option so that when he saves the PDF file, all of the students in class can read the article and the visually impaired student will also be able to easily open up the document in their screen reader program.

Impact/Benefit:

The George A. Smathers Libraries have nearly three million in-person visitors each year. Currently, the Libraries offer self-service digital scanning via a limited number of basic, flatbed scanners at branch libraries. The addition of KIC Bookeye scanners will improve access to digitization options to users of all skill levels. It will eliminate the need for extensive knowledge of digital imaging process and software in order to create a quality product.

Current flatbed scanners yield an average of 1-3 page scans per minute depending on size, resolution, etc., while the Bookeye can produce 22 scans or more per minute and scanning is available immediately upon walkup, as the system requires no login.

Use of this equipment to produce digital files is easy, fast and free to the student. It is very important to note that these KIC Bookeye scanners will have **no** charge back/fees associated with use. Users will pay absolutely nothing to use these scanners.

Additional benefits include:

- Faster than any flatbed scanner in the Libraries
- Scanning format is larger than any of the Libraries' scanners
- Eliminates wait for scanners attached to library computers
- Conveniently available up to 24 hours per day
- Ease of scanning non-book print media (drawings, maps, etc.)
- Intuitive interface - no need to have extensive knowledge of digital imaging software
- Option to email files or save to USB drive directly from scanner

- Wide range of universal accessibility/ADA options (OCR, Scan-to-Audio, and foot pedal controls)
- Automatic document feeder option can accommodate up to 50- loose sheets
- Five file format options include: PDF, JPEG, TIFF, PNG, and MP3
- Real-time Image editing (i.e. crop, enlarge, adjust exposure)
- Overhead scanning and flat or book cradle options -- better for collection and preservation of materials so future researchers also have access to them



Sustainability

The Libraries have committed to absorbing recurring maintenance costs and any infrastructure upgrades needed such as port drops/activation.

Timeline:

August

Place orders for scanners.

Coordinate with Library Facilities to identify any power or network needs at all locations and schedule work orders for any requirements.

September

Coordinate with UFIT, Library Facilities, and KIC Bookeye vendor to map out an installation schedule so there is minimal disruption of services and avoid **critical** dates such as Midterms and/or Final Exams.

October - December

Installation and testing of KIC Bookeye Scanners.

Staff training.

Advertising/Promotion.

Creation of signage and instructional handouts.

Update Library webpages and Library Guides.

Assessment.

Budget:

Six KIC Bookeye scanners @ **\$21,894 per unit**

Total Cost - \$131,364

Budget Narrative:

Please see below what is included in costs to be assigned to tech-fee funds. The Libraries will absorb recurring maintenance costs and any infrastructure upgrades needed such as port drops/activation.

Each Bookeye 4@ V2 Scanner includes:

- 1-Gig Ethernet Card and Scan2Net® Technology
 - o Foot pedal Included for universal accessibility
 - o 600 dpi optical resolution
 - o 24.4" x 18" scan area
- Flat or "V" Cradle modes completely protects book spines and bindings
- Rated for 1 million scans; properly maintained, most last longer
- KIC Custom Secure Metal 'K' Cabinet - houses PC and Built-In LCD Touch Screen
 - o KIC Cabinet is Wheelchair Accessible & ADA compliant
- 24" Built-In LCD Interactive User Interface Touch Screen Monitor
 - o 24" Image Preview Monitor mounted on 'K' Cabinet
 - o KIC True 2-Touch (T2T) Application Software User Interface
- Intel High Performance PC with dual video support
- Kodak j1150 Automatic Document Feed (ADF) Scanner (for loose paper documents)
- Easy Clear User Instruction Guide within the User Interface Touch Screen
- USB Jump Drive Support
- Standard Web/Phone assisted set-up, installation and training

Shipping & handling Included