Student Technology Fee

Grant Proposal

2011.014

2010-11

Tracy Brown TB

Comment: Need power and network verified

Alan Henry

Comment: _____

Gary Gatch

Comment: _____

Mike McDonald

Comment: Email could be an issue w.th Attachment size.

Dale Martin

Comment: _____

2011.014

Student Technology Fee
Grant Proposal Request Form
Fiscal Year 2010-11
Northwestern State University of Louisiana

PF

ct #1

ALL BLANKS MUST BE FILLED

Prepared by:_Gil Gilson_____ For: Library Shreveport & Watson Library

Department/Unit: Nursing/Library__ College: Nursing_____ Campus: Sh/Natch/Lees ___

Which NSTEP Goals/Objectives does this project meet?___1,2,3,8_____

Requested equipment will be located/installed/housed? Building Sh/Lees/Natch__ Room: Library

Does the department requesting funding receive lab fees? (circle one) Yes

Are department property policies and procedures in place for requested equipment?_yes_____

Which individual will be responsible for property control of the requested equipment?
Gil Gilson, Abbie Landry, Tommy Tilley

Signature:_____ Date:_10-27-10_____

* Proposal Requested Amount:$ _97,255._____Budget Attached (circle one): YES
**Proposal Requested Amount:$_ 73,944._*
Proposal delivered to Student Technology located in Watson Library, Room 113. Date_10-29-10_____

The proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. If the proposal does not include all requested information, it will be returned to requeston

1. Target audience for the Walk-up scanning system will include all students who utilize the NSU Libraries on Natchitoches Campus and Shreveport Campus. This would include scanning for study at home, scan journals for research, scanning artwork for art portfolios, scanning large maps and drawings. This system would allow students to capture books and images without using the costly copy machines. The advanced technology this system uses will bring students to the library that have not been using the library in the past.

2. Describe project/initiative for which you are requesting funds.

This project will install two walk up scanning systems in Watson, one system in the Shreveport Nursing Library. One system in the Leesville Library. Total 4. An alternative quote for 3 units is included in the budget if a total of 4 units can not be approved.

*Budget for 4 units: Shreveport 1, Leesville 1, Natchitoches 2
**Budget for 3 units: Shreveport 1, Natchitoches 2

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

a. Number of scans by students
b. Decrease in usage of copy machines.
c. Increase in use of library.
d. Student satisfaction surveys.
e. Size of university digitization collection
f. Interlibrary Loan Availability

4. Indicate how each project objective will be evaluated.

a. Number of scans by students will be measured by statistics provided by the scanning system.
b. Decrease in usage of copy machines measured by usage statistic.
c. Increase in library usage measured by automatic counters.
d. Evaluation of student satisfaction surveys.
e. Increase in digitization collection.
f. Effectiveness of our interlibrary loan process

5. If funded, which NSTEP http://www.nsula.edu/nstep/NSTEP.pdf objective(s) will this funding of this project advance. How will funding of the project advance the University and College/unit technology plan?

a. Objective One: To Improve access to technology by students, faculty, and staff of NSU.

b. Objective Two: To provide classrooms with updated technology and multimedia.(Library setting
c. Objective Three: To upgrade laboratories with modern technology.
d. Objective Eight: To encourage innovation and research.

This project will advance the University and College/unit technology by moving the library toward a hybrid library designation and allowing the students to produce state of the art electronic media to be used in working toward their educational goals.

*The setup of the system also is wheelchair accessible and meets for ADA standard*s.

6. Provide a justification for funding of this project. Estimate the number of student that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

This is an indispensable research tool great for enhancing the quality of reports and papers with crystal clear color and black and white excerpts from books, magazines and journals. This project will allow students to capture information for study, research, class projects and many other uses. The output is available in JPEG, TIFF, PNG, text and PDF formats. These formats can be saved on a USB Flash Drive, Emailed, uploaded directly to an FTP server, the system can easily transfer files to interlibrary loan, electronic reserve or archives workspace

on university servers. At present all library information of this type would have to be copied on a copier, and then it would have to be scanned on a traditional flatbed scanner and then saved on some type of collection device. This will allow students to scan the needed information on a 17 by 24 platform, save the file on a USB drive or FTP the file to the university server. Books are placed on the scanner face up and scanned. This procedure produces no more book spine damage. The system scans a two-up page of a book, analyzes the single image and automatically splits the image into two separate images, black edges are automatically removed and the content straightened producing clean, professional looking images that can be used in any project the student is producing. Art students can also produce art portfolios for class projects and for use in future job interviews. Radiologic Science students can scan x-ray film and include the images in presentations and written projects. Nursing students extensively use Medical Journals for information for classes, this system will allow for the journal to be scanned and sent out via email to all of the students in the class. This process can also be used by any department to send out needed articles and other information. Another advantage of the system is interlibrary loans can be sent between universities saving printing and mailing expense.

From July of 2009 until June of 2010 the gate count at the Shreveport library exceeded 46,522, during this same period of time 18,000 copies were produced on the library copiers. During this same period of time the Gate count at Watson Library was 222,160 and 22,652 copies were produced on the copiers. Leesville Gate count was 4.512 and 15,000 copies produced. None of these copies could be produced in any of the formats provided by the walk-up scanning system.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Existing media librarians can be used to manage the system, for the university to earn the hybrid library designation, a library's print collection must be available in digital format. This system allows students and faculty to select materials for quick and easy self-serve digitization, which provides a valuable conduit between the universities print collection and student PCs. This *self serve process* allows the library staff more opportunities to work with students in meeting the student's educational goals. Additional assistance will be provided by Gil Gilson as needed to fully implement the project, he is willing to hold sessions for student to come and view the system and its possibilities.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

Existing staff will manage the system with the inclusion of the Maintenance agreement, this includes:

a. Software and documentation updates at no additional charge
b. Discounted rates for customization services.
c. Notification of enhancements as available.
d. Unlimited telephone support to resolve failures of hardware or software.
e. Equipment repair, loan and replacement service, including telephone isolation support.

9. Provide a schedule for implementation and evaluation.
The option 3 the latest version of the Knowledge Imaging Center Walk-Up Scanning System will be available 4 to 6 weeks after the order is submitted. On site installation is an additional option but is not usually necessary. Evaluation will begin as soon as the system is operational, statistics will be gathered by the system as students begin to utilize the system. Surveys can be taken in 3, 6, or 9 month periods.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years. The estimated life of the hardware is 8 to 10 years; this equipment is scanning equipment and not copying equipment which has a much shorter life span. Software is updated with the maintenance agreement, which includes software updates, unlimited telephone technical support, equipment repair, loan and replacement services. 2nd year maintenance will be $1837.00, 3rd year maintenance will be $2187.00.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Technology Fee.
If you are requesting equipment that will be either/or checkout to students or moved within the department, you must provide a checkout/loan policy.

Equipment will be located in the library each location. These libraries are staffed during all open ours. Watson Library is monitored by NSU Campus Security and E & E Services monitors the Shreveport Nursing Library during closed hours and are available during open hours. Leesville Library is staffed by two librarians and monitored by the local sheriff department during closed hours.

12. Does the department that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from tech fee funds over using lab fees from your department.

No lab fees are collected for library operations. Nursing receives professional lab fees which go to the clinical process for equipment and medical supplies used in the clinical settings.

13. Attach a detailed budget.

Budget is attached. It would also to be to the students advantage that one of the sites receive the on-site training. Gil Gilson is willing to use the Shreveport Library as that site and then he would go to the Natchitoches and Leesville sites to instruct the staff and students. We have also included in the budget 4 computer units for the system. These units are not included with the scanner quotes.

Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

Student Technology Fee Grant Proposal Checklist:

__Yes Is all information requested provided (items 1 – 13)?
__Yes Is a detailed budget attached?
__Yes Is all specifications, description, model number, quotation, cost, state contract number, and vendor provided for each item?
__Yes Are your two (2) letters of support attached?
_NA__If equipment is to be checked-out/loaned, is your policy attached?

Provost & Vice President for Academic Affairs

Telephone (318) 357-5361
FAX (318) 357-4517
E-mail vpaa@nsula.edu
www.nsula.edu/provost/

Northwestern State University
Natchitoches, Louisiana 71497

A Member of the University
of Louisiana System

October 28, 2010

TO: Student Technology Grant Review Committee

FROM: Dr. Lisa Abney, Provost & Vice President Academic & Student Affairs

It is my pleasure to submit this letter in support of the Student Technology grant application that seeks funding for the *Knowledge Imaging Center* digital scanners for use in Northwestern's library system. Recently developed, this scanning equipment will revolutionize the services that our library system will be able to make available to our students; it will enable students to scan virtually every type of published library material into a USB drive, email or other electronic saving device. Our students will be able to have their needed library resources available on their electronic devices in their pockets and accessible at any time—at school or anywhere!!

I am especially pleased that this system has the capability to accommodate those students with disabilities, particularly, those who depend upon wheelchairs for mobility. We must bear the needs of these important students in mind when considering every purchase made by the University.

I urge you to approve the funding requested in this application. The implementation of this new technology will elevate Northwestern's library services to the level of the large, flag-ship universities in the nation, a most unique distinction for our University. Most importantly, our students will be the beneficiaries by having these study-assistive services available on a daily basis!

Northwestern State University

A Member of the University of Louisiana System

College of Nursing
1800 Line Avenue
Shreveport, Louisiana 71101-4653

Office of the Dean
Telephone (318) 677-3100
Fax (318) 677-3127
PlanchockN@nsula.edu

October 26, 2010

Members
Student Technology Fee Grant Review Committee
Northwestern State University
Natchitoches, LA 71497

Committee Members,

This letter will serve to convey my wholehearted support of the grant application submitted by the College of Nursing and Allied Health in which digital scanning equipment is being requested for NSU libraries. I am excited about these scanners; indeed they will revolutionize the way in which library use will become more convenient, accessible and useful to students. This new technology will literally enable students to "carry their library materials with them" and will virtually eliminate the need to make past-generation copies of materials.

The availability of digital scanning within NSU's library system will also propel NSU to the forefront in contemporary library technology. There is no doubt that accrediting bodies will be duly impressed, which will certainly foster the accrediting processes and successes.

Most importantly, the true beneficiaries will be the entire NSU student group! The opportunities created for NSU students to enhance their studies and course materials will be unmatched by most institutions of comparable size---and by many that are much larger!

I encourage you to support funding of this application for NSU students! Should you need additional information, please do not hesitate to contact me.

Sincerely,

Norann Y. Planchock, PhD, APRN, FNP-BC
Dean and Professor
College of Nursing and Allied Health

Watson Library
Northwestern State University
Natchitoches LA 71497

October 26, 2010

To Whom It May Concern:

Mr. Gil Gilson brought an amazing imaging center to my attention and offered to write a student technology grant for all three branch campus libraries. The system allows students to copy library books without spine damage in addition to copying maps and other papers. The really great part is in addition to printing on paper, the student can copy on to a USB Flash Drive, Email, or a printer. I can see so many uses for this device and it will definitely save wear and tear on library materials. The interface seems simple enough most users can operate the scanner without needing additional help. This would be a great resource for Shreveport, Natchitoches, and Leesville libraries. Mr. Gilson is proposing to write a grant for four machines: one each for the branch campuses and two for Watson Library. I completely endorse Mr. Gilson's grant and hope that it is funded.

Sincerely,

Abbie Landry
Director of Libraries
Northwestern State University
Natchitoches LA 71497
318-357-4403
Landry@nsula.edu

E-Learning Advantage Furnished by the Knowledge Imaging Center

The KIC is a turn-key imaging/output system developed by the Digital Library Systems Group (DLSG) that melds three separate tools into a single public-use system: a planetary scanner, control software that regulates the scanner settings and provides file manipulation and external communications, and an Ethernet connection from the machine hardware to the campus servers, allowing images to be sent to any email address or FTP site across the world. One of the advantages of the KIC system is for our E-Learning students, these students do not have access to the university library system. The KIC system allows these students to receive the same information that a student can come to the library and receive. E-Learning students can request articles, journals, book chapters, pictures, and any other items found in our library system. These items can be emailed directly to the students email address via the university email system or any other email address that the student supplies. Professors will have the ability to scan in notes, course syllabus, and any other items that the professor has available for students during the semester. These items can be sent directly to e-learning students for use in course activities. During the semester the professor can forward to all students any information for special projects. This system will allow the library to build a digital library for students in future semester. Existing media librarians can be used to manage the system, for the university to earn the hybrid library designation, a library's print collection must be available in digital format. This system allows students and faculty to select materials for quick and easy self-serve digitization, which provides a valuable conduit between the universities print collection and student PCs. This self serve process allows the library staff more opportunities to work with students in meeting the student's educational goals.

"The complete digitization system that makes walk-up scanning as fast and easy as walk-up copying."

OPTION III for 4 units(Shreveport 1,Natchitoches 2, Leesville 1)

Knowledge Imaging Center (KIC) Walk-Up Scanning/Copying System

The KIC System Includes:

- ☐ Bookeye 4® Color Planetary Book Scanner with:
  - o 1-Gig Ethernet Card and Scan2Net® Technology

Enables Images to be transferred at Ethernet speed!

- o 24" x 17" scan area (A2) easily handles over-sized materials
- o Flat or "V" Cradle modes – "V" Cradle mode holds books at 120° angle
- o "V" Cradle completely protects book spines and bindings
- o Up to 600 dpi optical resolution (50% higher than stringent preservation requirements)
- o Rated for well over 1 million scans; properly maintained, most last closer to 2 million
- o Two year Manufacturer's Warranty on scanner parts

- ☐ KIC Application Software Interface – fast & easy control of scanner operations
- ☐ KIC Custom Secure Metal Cabinet – houses PC and Built-In LCD Touch Screen
- ☐ KIC Cabinet is Wheelchair Accessible & ADA (Americans with Disabilities Act Compliant)
- ☐ 17-inch Built-In LCD Interactive User Interface Touch Screen (1024 x 768)
- ☐ Easy Clear User Instruction Guide within the User Interface Touch Screen
- ☐ USB Jump Drive Support and Network Drive Compatible
- ☐ Supports Saving/Sending images via USB, Email, FTP and/or Printing
- ☐ Real-time Image Editing (i.e.-Crop, Enlarge, Adjust Exposure Controls)
- ☐ Auto Page Separation, Auto Focus, Alternate Scan of left & right page
- ☐ Automatic Border Recognition and Removal
- ☐ Automatic Page Splitting, Bookfold Correction and Focus Controls
- ☐ Output formats: PDF, JPEG, TIFF, PNG, Searchable PDF, Text-to-Audio (MP3)
- ☐ Supports all copy card reader systems and coin machines (optional)
- ☐ Standard Web/Phone Assisted Set-Up, Installation and Training
- ☐ Shipping & Handling Included

List Price	**$26,604**
Less 10% Standard Discount	**2,660**
Sub-Total	**$23,944**
Less Additional 10% Institutional Discount	**2,395**
Sub-Total	**$21,549**
Less Additional 5% Volume Discount	**1,077**
Sub-Total	**$20,472**
	X4
Northwestern State University's Investment in (3) KIC systems	**$81,888** (1)
1st Year Premium Annual Maintenance Policy;$2,263 per system (required)	**9,052** (2)
Northwestern State University's Total Investment in (3) KIC systems	**$90,940** (3)
Optional Setup, Installation and Training by KIC technicians	2,587
Total	$93,052
4 Computers for Units — 4 Computers	4,203
	$97,255

(1) Option: On-site Setup, Installation and Training are usually not necessary. If you elect to have our technicians perform the installations it would cost an additional $1,800.00 for the two systems at Natchitoches and an additional $750.00 to install the KIC system in Shreveport.(2) 2nd year Maintenance will be $1,837.00.3rd and subsequent years' Maintenance will be $2,187.00 (3) All prices are good for 90 days.

Description

Dell

Optiplex 960 Desktop Nseries

Date & Time: October 28, 2010 12:53 PM CST

SYSTEM COMPONENTS

Optiplex 960 Desktop Nseries	Qty	4
OptiPlex 960 Desktop Base Standard PSU, FreeDOS Operating System Kit, n-Series, English	Unit Price	$1,050.78

Catalog Number: 25 E1244_N

Module	Description
OPTIPLEX 960D	OptiPlex 960 Desktop Base Standard PSU
Operating System	FreeDOS Operating System Kit, n-Series, English
Processors	Intel® Core™ 2 Duo E8400 with VT (3.0GHz, 6M, 1333MHz FSB)
Memory	4GB DDR2 Non-ECC SDRAM,800MHz, (2 DIMM)
Keyboard	Dell Quietkey, No Hot Keys, English, Black
Monitors	Dell Professional 1909W 19in HAS Wide Monitor, VGA/ DVI
Video Cards	256MB nVidia GeForce 9300 GE (Dual DVI/ VGA /1 TV-out), low profile
Boot Hard Drives	250GB 7,200 RPM 3.5" SATA, 3.0Gb/s Hard Drive with NCQ and 8MB Cache
Floppy Drive Options	No Floppy Drive
Mouse	Dell MS111 USB Optical Mouse
Systems Management Mode	vPro Secure Advanced Hardware Enabled Systems Management
CD ROM/DVD ROM	16X DVD+/-RW SATA, Data Only
QuietKit	No Quiet Kit
Speakers	No Speaker, OptiPlex
Power Supplies	OptiPlex 960 Desktop Standard Power Supply

Documentation	Documentation, English, with 125V Power Cord
Hard Drive Mode	No RAID
Energy Efficiency Options	No Dell Energy Smart Power Management Settings
Resource DVD	No Resource DVD
Hardware Support Services	3 Year Basic Limited Warranty and 3 Year NBD Onsite Service
Security Hardware	Chassis Intrusion Switch Option
Ship Packaging Options	Shipping Material for System, Desktop
Thermal Solutions	Mainstream Pentium® Dual Core
Processor Branding	vPro Sticker
Labels	n-series Sticker

4 Units TOTAL: $4,203.12

"The complete digitization system that ma
as walk-up copying."

OPTION III for Three Units (Shrev
Knowledge Imaging Center (KIC)
System

73944
÷ 2 =
36972.00

The KIC System Includes:

- ☐ Bookeye 4® Color Planetary Book Scanner with
  - o 1-Gig Ethernet Card and Scan2Net® Tech
    Enables Images to be transferred at Ethernet
  - o 24" x 17" scan area (A2) easily handles ov
  - o Flat or "V" Cradle modes – "V" Cradle mod
  - o "V" Cradle completely protects book spine
  - o Up to 600 dpi optical resolution (50% high
  - o Rated for well over 1 million scans; proper
  - o Two year Manufacturer's Warranty on scanner parts
- ☐ KIC Application Software Interface – fast & easy control of scanner operations
- ☐ KIC Custom Secure Metal Cabinet – houses PC and Built-In LCD Touch Screen
- ☐ KIC Cabinet is Wheelchair Accessible & ADA (Americans with Disabilities Act Compliant)
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- ☐ Supports Saving/Sending images via USB, Email, FTP and/or Printing
- ☐ Real-time Image Editing (i.e.-Crop, Enlarge, Adjust Exposure Controls)
- ☐ Auto Page Separation, Auto Focus, Alternate Scan of left & right page
- ☐ Automatic Border Recognition and Removal
- ☐ Automatic Page Splitting, Bookfold Correction and Focus Controls
- ☐ Output formats: PDF, JPEG, TIFF, PNG, Searchable PDF, Text-to-Audio (MP3)
- ☐ Supports all copy card reader systems and coin machines (optional)
- ☐ Standard Web/Phone Assisted Set-Up, Installation and Training
- ☐ Shipping & Handling Included

List Price	**$26,604**
Less 10% Standard Discount	**2,660**
Sub-Total	**$23,944**
Less Additional 10% Institutional Discount	**2,395**
Sub-Total	**$21,549**
Less Additional 5% Volume Discount	**1,077**
Sub-Total	**$20,472**
	X3
Northwestern State University's Investment in (3) KIC systems	**$61416** (1)
1st Year Premium Annual Maintenance Policy; $2,263 per system (required)	**6,789** (2)
Northwestern State University's Total Investment in (3) KIC systems	**$68,205** (3)
Optional Setup, Installation and Training by KIC technicians	$ 2587.
Total	$70,792.
Computer for Units 3	$ 3,152
Total	$73,944

73940

(1) Option: On-site Setup, Installation and Training are usually not necessary. If you elect to have our technicians perform the installations it would cost an additional $1,800.00 for the two systems at Natchitoches and an additional $750.00 to install the KIC system in Shreveport. (2) 2nd year Maintenance will be $1,837.00. 3rd and subsequent years' Maintenance will be $2,187.00 (3) All prices are good for 90 days.

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Video Cards	256MB nVidia GeForce 9300 GE (Dual DVI/ VGA /1 TV-out), low profile
Boot Hard Drives	250GB 7,200 RPM 3.5" SATA, 3.0Gb/s Hard Drive with NCQ and 8MB Cache
Floppy Drive Options	No Floppy Drive
Mouse	Dell MS111 USB Optical Mouse
Systems Management Mode	vPro Secure Advanced Hardware Enabled Systems Management
CD ROM/DVD ROM	16X DVD+/-RW SATA, Data Only
QuietKit	No Quiet Kit
Speakers	No Speaker, OptiPlex
Power Supplies	OptiPlex 960 Desktop Standard Power Supply

Documentation	Documentation, English, with 125V Power Cord
Hard Drive Mode	No RAID
Energy Efficiency Options	No Dell Energy Smart Power Management Settings
Resource DVD	No Resource DVD
Hardware Support Services	3 Year Basic Limited Warranty and 3 Year NBD Onsite Service
Security Hardware	Chassis Intrusion Switch Option
Ship Packaging Options	Shipping Material for System, Desktop
Thermal Solutions	Mainstream Pentium® Dual Core
Processor Branding	vPro Sticker
Labels	n-series Sticker

3 Units TOTAL: $3152.34

KIC

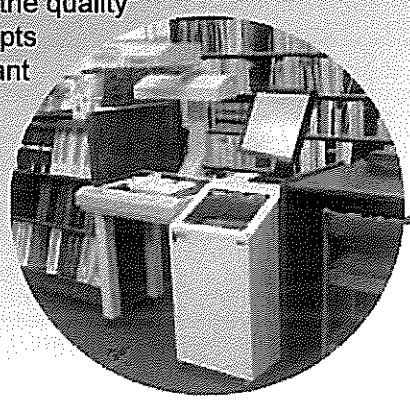
Knowledge Imaging Center

Research,
Study,
Report,
Collaborate ...
Digitally

Walk-up Scanning

as Fast and Easy as Walk-up Copying

KIC is an indispensable research tool that's also great for enhancing the quality of reports and papers with crystal clear color and black & white excerpts from books, magazines and journals. In addition, as a UDSA compliant digitize-on-demand system conveniently located among the stacks, KIC can be used as an ad hoc digitization station by Preservation, Archive and Interlibrary Loan departments.



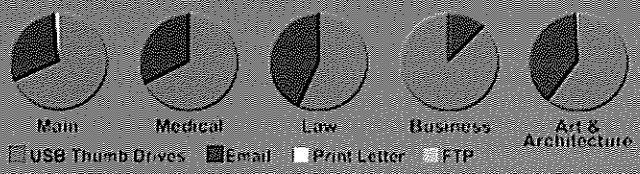
DLSG Digital Library Systems Group at Image Access

KIC Usage Statistics

KIC usage reports say it all! Consistent and reliable system metrics are crutial tools to determine the value of any hardware and/or software solution. KIC systems automatically generate statistical usage reports every day. The system is configurable, so library management can opt to email the reports to one or more designated KIC 'administrators' for review and analysis.

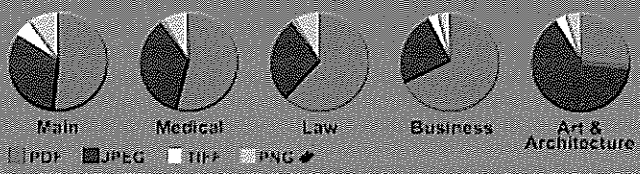
During a recent study conducted on KIC usage, reports from 24 busy systems in the field showed a total of over 338,000 scans in a single month. That's an average of 14,000 scans per KIC system monthly. With KIC, color is free, but assigning a value of only 10¢ to each image results in a value of $1,400/month provided to students and faculty. That translates to a full return on investment in under 15 months, which is the primary reason academic and research libraries are purchasing enough KIC systems to substantially replace copiers.

Delivery & Storage Methods by Library Type

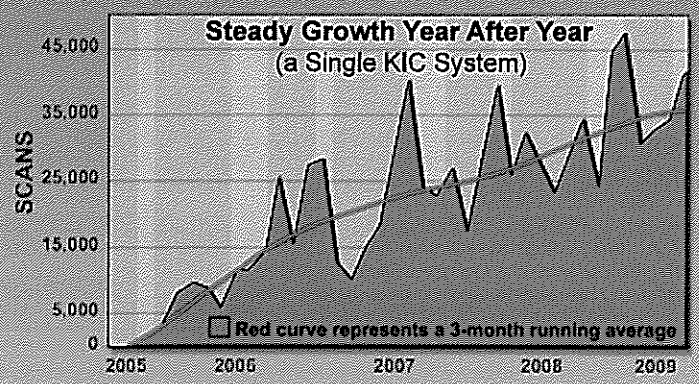


While USB drives (pocket-sized memory devices) are overwhelmingly popular, email is a very important method of aquiring scanned images from KIC systems. Originally thought by academic library administrators to be a much needed output option, FTP is used only about 1% of the time.

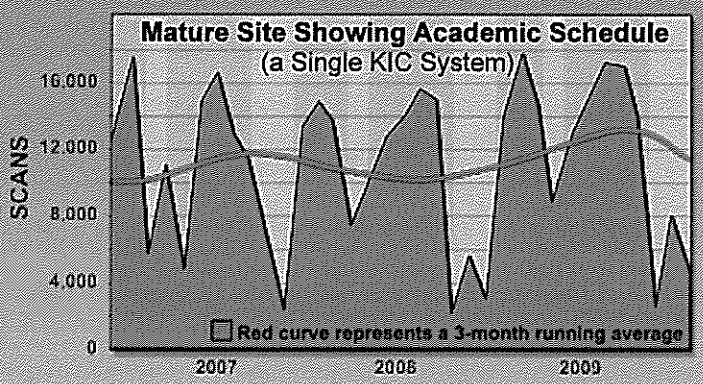
File Format by library Type



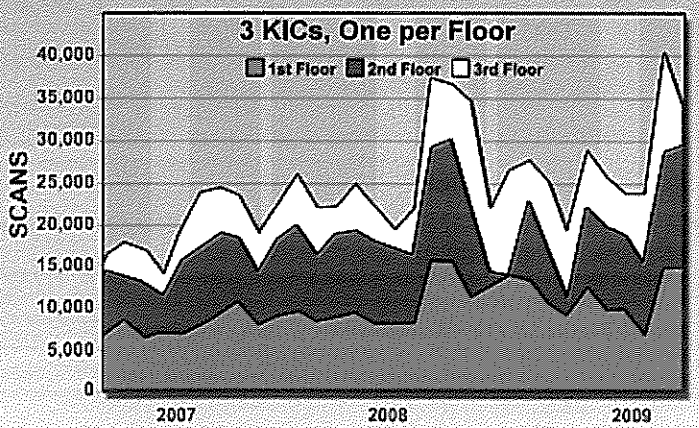
While it's not surprising that the JPEG file format is most popular with art and architecture libraries, it's interesting to see how the popularity of PDF versus JPEG varies among libraries. Also, it seems that medical and law students have little use for the TIFF file format.

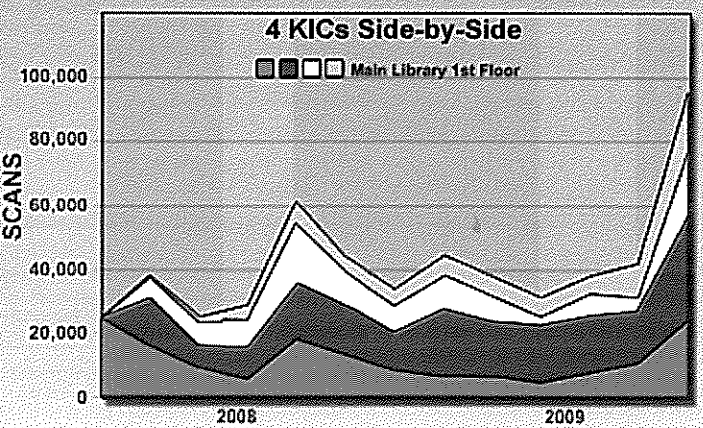


This graph shows steady growth continuing even after four years as users spread the word to their fellow students and colleagues.



This graph shows a KIC system that after many years is showing just 12% year-over-year growth, but continues to fluctuate dramatically with the academic schedule.

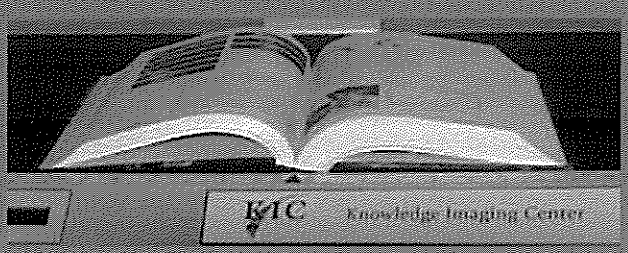




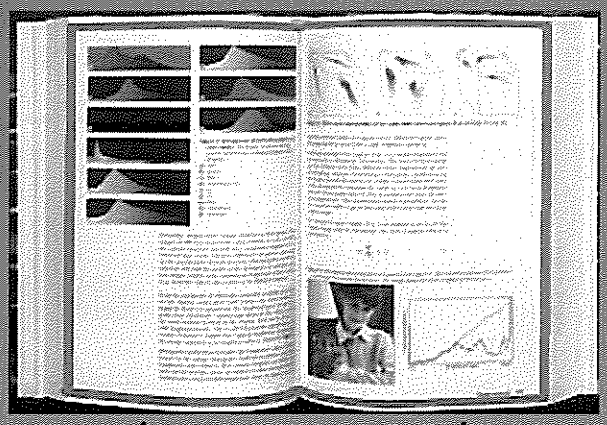
These two graphs show that KIC systems are worth walking to, whether they are side-by-side or spread out throughout the library. The higher and faster growing usage rates of the side-by-side systems might be resulting from a more active sharing of the many ways that images can be used in an academic environment.

The majority of the statistics represented here are derived from non-charging KIC systems. For verification of any of the data above, please contact us at DLSG 800.378.5432.

Beautiful Images - Fast and Easy



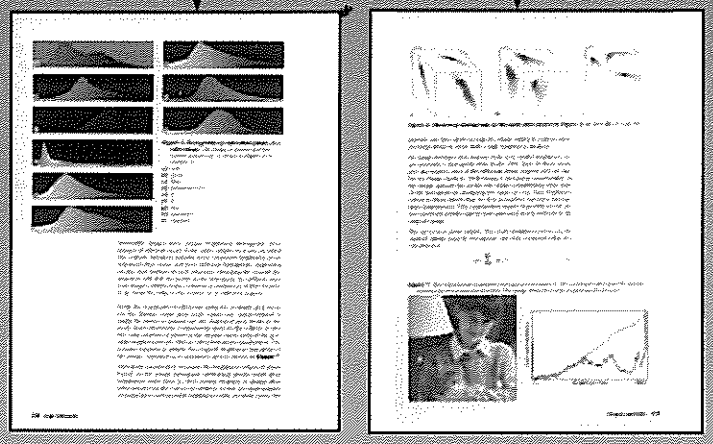
Face-up scanning is faster, easier, and it eliminates spine damage



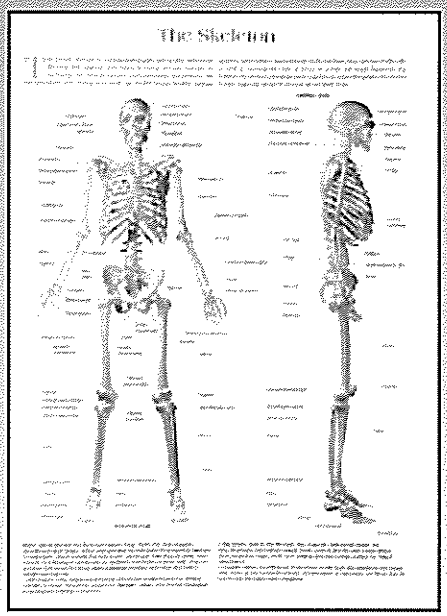
No More Book Spine Damage

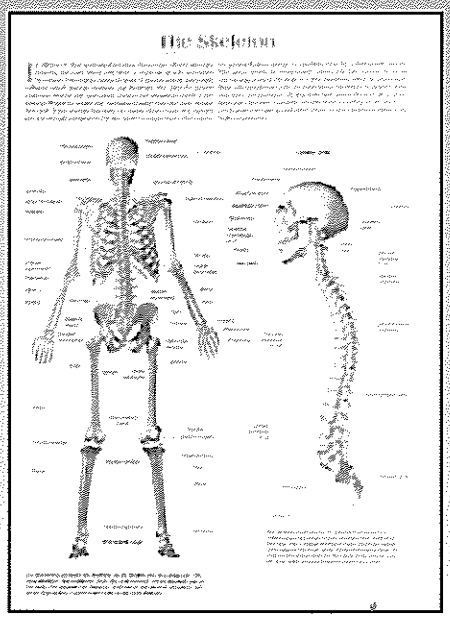
KIC systems scan a "two-up" page of a book, analyze the single image, and automatically split the image into two separate images — all in one step that takes just 5 seconds.

In addition, the black edges are automatically removed and the content straightened, producing clean, professional looking images — important for electronic reserves, course curriculum materials and research reports. These automatic image treatment functions can also save a lot of time for faculty and administrators.



KIC is Great for Scanning Reference Books of All Sizes for Studying and for Research

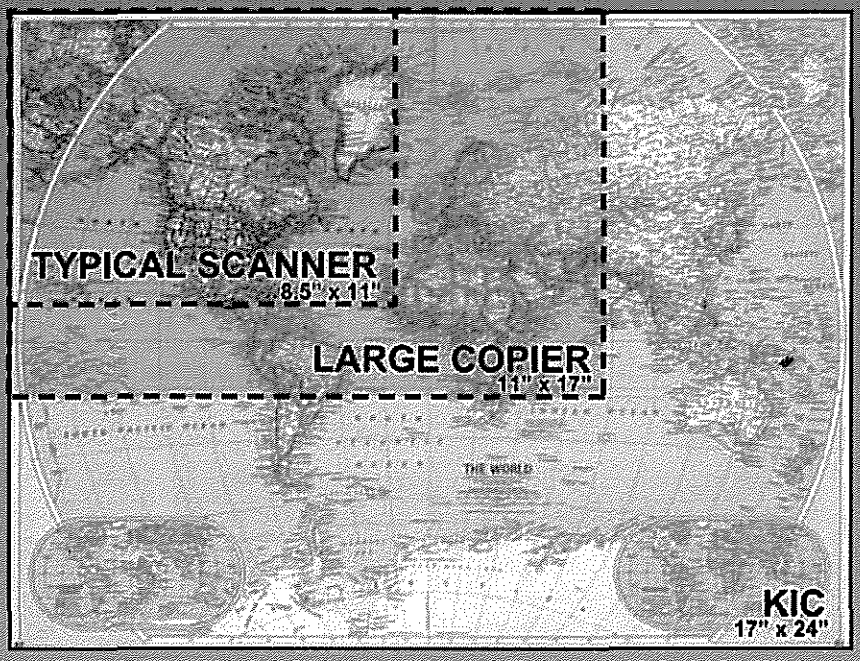




An oversized document – each page measures 17.5x12.5

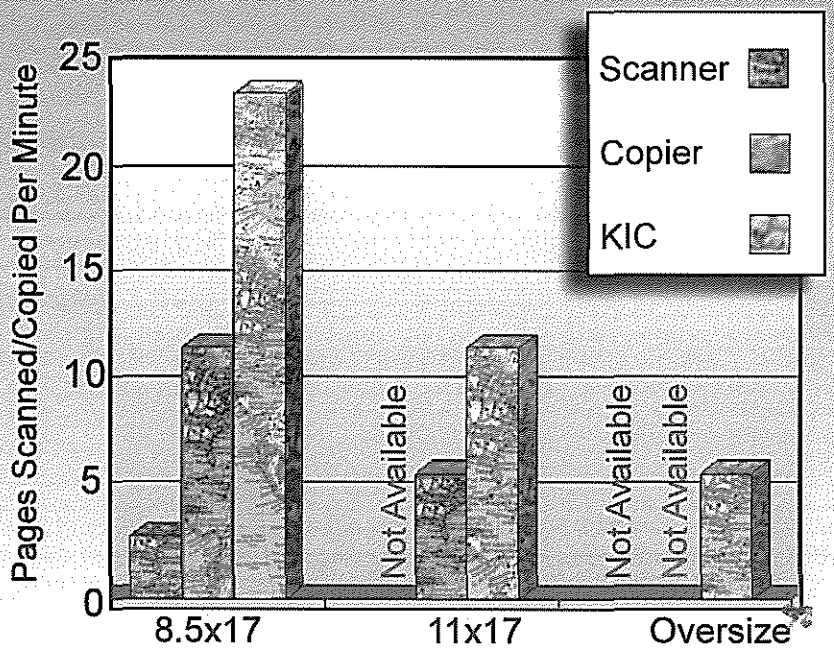
How KIC Compares

The capture area of copiers is less than half that of KIC while the capture area of typical scanners is smaller still. With a large 17 X 24 inch scan area, the KIC system captures it all! The smaller capture areas of standard scanners and copiers are shown below.



Fast & Easy... Higher Productivity ... Promotes Greater Use

KIC's face-up scanning enables users to capture multiple pages far more easily than ever before — books no longer need to be flipped over to turn the page and then flipped back over for each scan or copy. KIC scans up to ten times faster than a typical flatbed scanner and over twice as fast as a high speed copier. In addition, it produces either color or black & white images for the same cost, which equates to substantial savings. Finally, KIC promotes a cleaner environment by reducing paper and toner use.



Intuitive User Interface

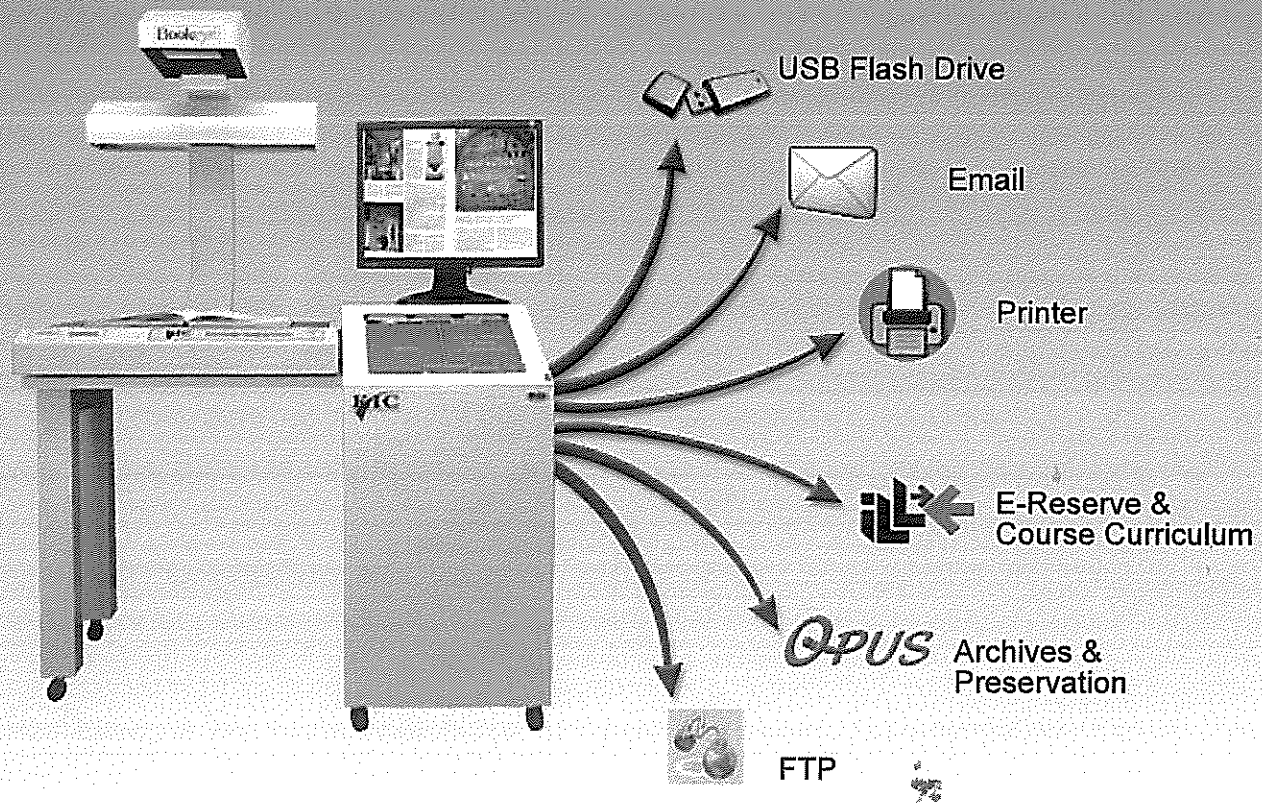
KIC's boasts a revolutionary user interface so intuitive that even the most inexperienced users can immediately scan materials and save them on a USB thumb drive in minutes.

Ease-of-use is an essential feature of KIC. The "Scan" and "Save, Send or Print" buttons occupy a very large portion of the 17" touch screen. The Save button defaults to an output method that is selectable by the institution. If a flash drive is inserted, KIC detects this and the output button changes to indicate that it will save to the flash drive. Users can override the default output method by manually selecting one or more other methods of output.

- KIC's flash drive port enables images to be saved immediately
- Images can be sent directly to any email address
- KIC can output selected images to a local printer or print server
- KIC can easily transfer files to interlibrary loan, electronic reserve or archives workspace on university file servers
- Image files can be uploaded directly to an FTP server

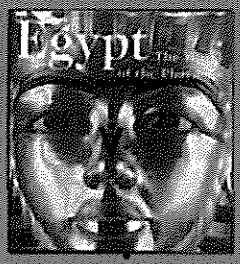
Retrieving Scanned Images From KIC is Fast and Easy

Students and Faculty can Choose Between Many Methods of Output



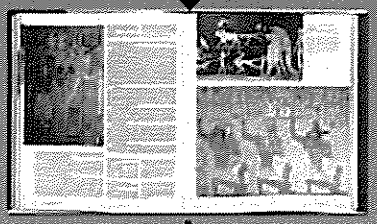
In case you didn't know ...

...what you can do with scanned images

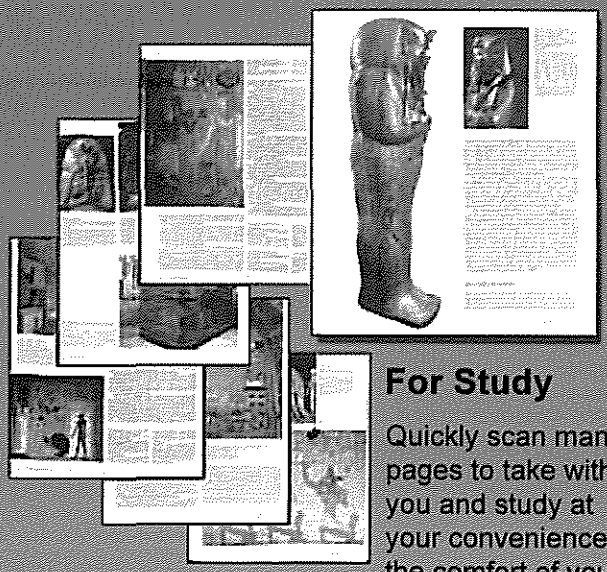


Enhance Reports

Place books face-up on KIC's large bed and scan two pages at a time — *much* faster than flatbed scanners and copiers.



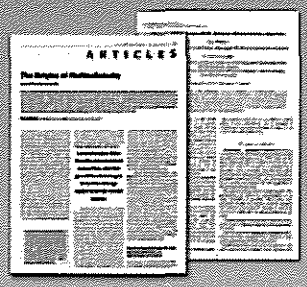
Use whole pages or clip selected pictures, graphs, text, etc. using the computer touch screen.

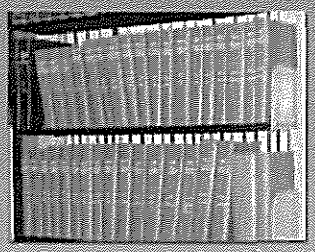


For Study

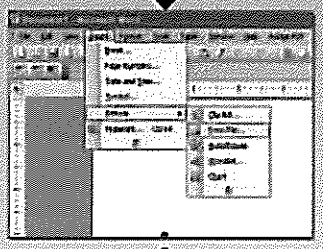
Quickly scan many pages to take with you and study at your convenience in the comfort of your home.

Save some or all scanned images to USB flash drive or send them to an email address.



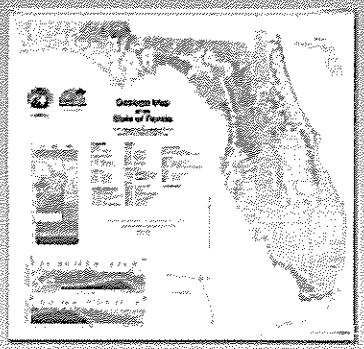


Scan Journals for Research

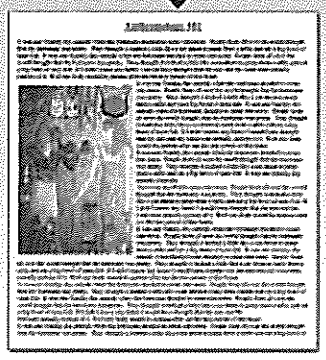


View reports in a word processing program on a home or notebook computer. Drag desired images from a flash drive or email directly into a word processing program or save images to your computer desktop and use the 'insert picture' function.

Scan Artwork



Scan Large Maps and Drawings



Once images are imported into a word processing program, you may want to format the picture (e.g. select an alternate layout) and resize or reposition it.

KIC

Knowledge Imaging Center

TOO BIG FOR A COPIER...
BUT NOT TOO BIG FOR KIC

KIC
Knowledge Imaging Center

Technical Specifications

• Resolutions	150, 200, 300, 400, 600 dpi
• Compatibility	Standard 1G Ethernet Card
• Dimensions (H/W/D)	64 x 45 x 28"
• Voltage	120V AC
• Frequency Range	50-60 Hz
• Power	approx. 200 Watts
• Temperature	41 to 104 F°
• Relative Humidity	20-80%

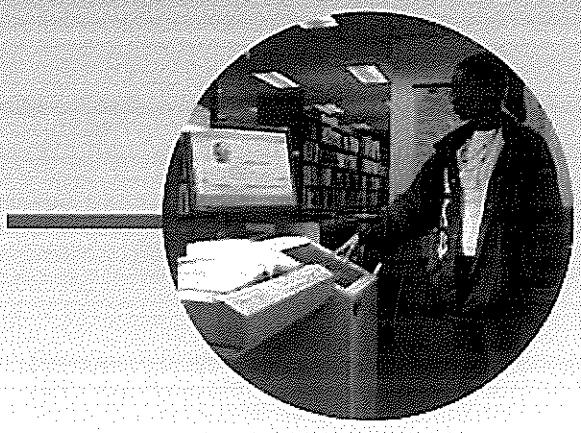
Overview of Main Functions

- Face-up scanning up to 17 x 24 inches
- 600dpi, up to 146.8 mega pixels
- 24 bit color depth output (30 bit internal)
- Automatic exposure control
- Automatic focus
- Automatic page splitting
- Automatic book-fold correction
- TIFF, JPEG, PNG, text and PDF file formats
- Audio output to MP3 player
- Output to flash drives, printers, email, FTP
- Simple installation
- Self-calibrating
- Remote diagnostics capable

KIC is wheelchair accessible

Scanning Speed

- 2.5 seconds for 2 pages of a typical book
- 3.0 seconds for double-letter
- 4.0 seconds for double-letter landscape



KIC systems are built for continuous use in public areas. Bookeye scanners are commonly used in demanding, 24/7 production environments. Highly durable touch screens provide accuracy and sensitivity to the user's touch while offering outstanding resistance to contaminants such as dirt, liquids, and harsh chemicals. The cabinet is constructed of heavy-gauge aluminum and steel with high durability baked-on paint and locking wheels.

DLSG Digital Library Systems Group at Image Access

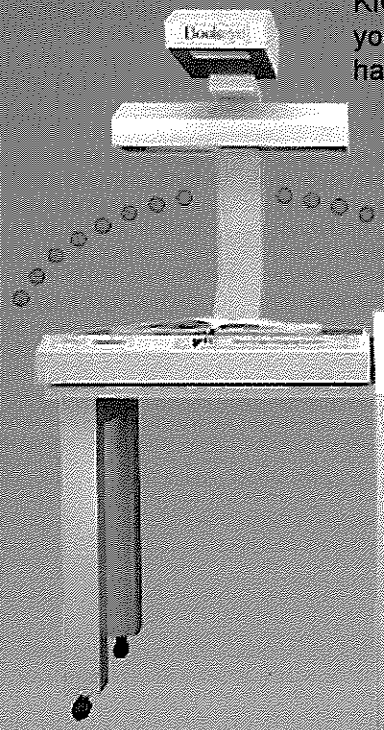
Image Access, Inc. | 543 NW 77th Street | Boca Raton, FL 33487 | 800.378.5432 561.886.2900 | www.imageaccess.com | www.dlsg.net

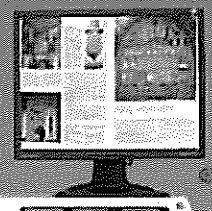
The Hybrid Library

KIC
Knowledge Imaging Center

To fully earn the 'hybrid library' designation, a library's print collections must be available in digital format. KIC systems allow your students and faculty to select material for quick and easy self-serve digitization, providing a valuable conduit between your print collections and patron PCs.

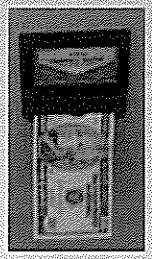
KIC's self-serve digitize-on-demand capabilities leverage your library's most valuable assets. Digital images don't have the limitations of physical copies. They can instantly be shared with fellow researchers around the world via email, dramatically facilitating collaboration.



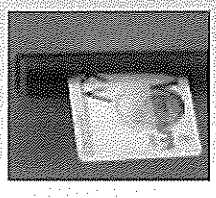


KIC Pays for Itself

In addition to providing self-serve digitize-on-demand capabilities, KIC dramatically reduces costly book spine damage. Scanning books face-up is not only fast and easy, but users do not need to apply spine damaging pressure to get a good image. With the press of a button, KIC can print to a black & white or color printer. Patrons who simply want a copy can use KIC instead of pressing books against the glass plate of a photocopier.



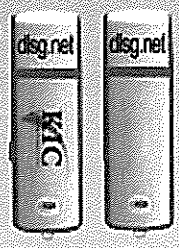
KIC is also compatible with all standard copy card and coin-op devices. Since KIC transfers images to users' computers via flash drives, email & FTP, there need not be any costly expendables ... none, even for color! The library can opt to keep all revenue it collects.



At 5 cents per page, KIC pays for itself with just an hour of use per day, yet its Bookeye scanner is commonly used for 16 hours per day in heavy production environments.

Turn Any USB Flash Drive into a Department Key

Simply write your department's password file to the flash drive. Department keys enable access to shared file folders on the network.



KIC Revenue at a Glance

Scans per Month	Fee Per Color or Black & White Scan	
	5 Cents	10 Cents
5,000	$250	$500
10,000	$500	$1000
15,000	$750	$1500

Bookeye 4 Book Scanner BE4-V2 V-Cradle Planetary Scanner for Formats up to DIN A2

Technical Data:

Document Formats		
	Maximum Document Size	620 x 430 mm (24.4 x 16.9 inches) > DIN A2
Document Specification		
	Optical Resolution	300 maximum or 600 maximum dpi options
	Scan Speed (24 bit)	< 2 seconds for DIN A2 at 200 dpi < 4 seconds for DIN A2 at 300 dpi < 10 seconds for DIN A2 at 600 dpi
Technical Specifications		
	Color Depth	36 bit color, 12 Bit grayscale
	Scan Output	24 bit color, 8 bit grayscale, bitonal, photo mode
	File Formats	JPEG, PNM, TIFF decompressed, TIFF G4 (CCITT), PDF, PDF/A
	Interface	1 GBit Fast Ethernet with TCP/IP based Scan2Net® Interface
	Camera	CCD camera, 22,500 pixels
	Light Source	White LEDs, classified as IEC 60825-1: class 1, no IR/UV emission
Dimensions and Weight		
	Dimensions (H x W x D)	770 x 660 x 660 mm (30 x 26 x 26 inches)
	Weight	Approx. 35 kg (77.2 lbs)
Electrical Specifications		
	Electrical Connection	100 - 240 V EPS
	Power Consumption	0.5 W (Standby), 55 W (Ready to scan), 110 W (Scanning)
Ambient Conditions		
	Operating Temperature	+5 to +40° C
	Relative Humidity	20 to 80 % (non-condensed)
	Noise Level	< 40 dbA (Scanning) / < 30 dbA (Standby)
Accessories		
	Foot switch	
Options		
	Software Options	
		Upgrade to Color
		Production Scanner 600dpi
Functions		
	Functions	
		Book Fold Correction
		Web-based firmware updates
		Integrated ICC profile
		Automatic black value
		Automatic white balance

Functions & Features:

- Easy installation via Scan2Net® Technology
- Compatible to all platforms
- User friendly
- Print on any network printer
- Remote maintenance and analysis

For demanding applications in a wide range of markets

- Libraries
- Archives
- Universities

Applications

- Newspapers, periodicals, catalogs, magazines and Files from file folders
- Bound and stapled documents like contracts, accounts and documentation
- Books and sensitive writings

Image Access

THE Scan2Net® DIFFERENCE

Bookeye and WideTEK scanners, manufactured by Image Access in Europe are intelligent Microsoft Windows and Vista compatible scanners. These scanners use Scan2Net® software, a technological platform that Image Access, Europe also created. Image Access Europe is a sister company to Image Access, Inc.

Is there a fundamental difference in architecture between Image Access scanners and traditional scanners? The answer is YES. Scan2Net® technology frees the host PC from all image related and time critical tasks. At the scanner's heart is a Pentium based Linux system with 2GB RAM, more than found in many PCs. This processing power is not consumed by Windows tasks or other unknown programs and/or drivers. It is fully dedicated to scanner specific imaging and mechanical control tasks. All communication is performed through a standard network connection using TCP/IP protocols.

Traditional scanners rely heavily on the scanner driver which runs inside the PC. The A/D converters may have produced up to 48bits of data but the data is truncated to 24bits before it traverses via the USB or FireWire connection into the PC. After some necessary corrections are performed, including gamma correction, only 18bits of data remains although this is invisible at first glance because it still is coded into the 24bit world.

What are the benefits of Scan2Net® over standard scanning software? Scan2Net® is about connectivity. For example, if you wanted to purchase a professional color laser printer for your facility would you even consider a USB-connected low end laser printer, whose intelligence and performance completely relies on the driver installed on the local hosting PC? The answer is most likely NO! If you have to spend thousands of dollars on a printer, you want it networked, independent of any host and operating system and you also deserve the ability to remotely administer the device over the Intranet. Scan2Net® does exactly this. Simply assign a valid IP address to your newly acquired Scan2Net® scanner, start your browser and scan. It's as easy as that! Every Scan2Net® scanner runs Linux on a main stream Intel processor, replacing all of our competitors' dedicated imaging hardware with software that performs many times faster. GigaBit network connections are faster than USB, FireWire or SCSI yet they are affordable, available and standardized. In today's world, computers and peripherals are made available by connecting them through IP based networks and not via point to point USB cables that are limited to a length of 6 feet or less. Organized into three areas, a menu leads the user quickly to their desired feature. Select document size and file format, output mode, color mode and then press the start button. That's all.

Scan2Net® provides:

- **Fast and simple integration into existing network structures without software installation.**
- **Integration into the worldwide Internet.**
- **Access via URL on S2N devices enables new methods of high speed data transfer.**
- **Just an IP address is needed to identify the S2N device.**
- **Every S2N device has its human interface man-machine device "on board". It is part of of the S2N technology.**
- **Any browser (e.g. Internet Explorer, Firefox, or Mozilla) connects to the interface and controls all functionality.**
- **Any computer in the network can access S2N devices through their IP addresses.**

Image Access

DLSG Digital Library Systems Group

2009-2010 PREMIUM ANNUAL MAINTENANCE AGREEMENT

Annual maintenance coverage under this agreement begins on the date of completion of installation of product(s) by Image Access technicians in concert with your institution's staff; whether performed on-site or remotely. This date then becomes the annual 'anniversary date' for maintenance renewal.

Image Access Premium Annual Maintenance agreements include:

- ***Software and documentation updates*** at no additional charge
- ***Discounted rates*** for customization services
- ***Notification of enhancements*** as they become available
- ***Telephone technical support*** – *Image* Access provides unlimited telephone support to resolve failures of any of our hardware and/or software products. Image Access will also provide customer telephone support for other questions or issues for a specified number of incidents per year under this Agreement as specified in the chart below. Any technical support beyond the specified number of incidents will be billed at a rate of $125 per hour with a minimum bench fee of four hours, unless the customer opts for a Technical Support Contract.

PRODUCT	INCIDENTS
Full Opus Digitization Workflow	4 per year
BSCAN ILL	3 per year
OPUS FreeFlow / Scan Module	2 per year

- ***Equipment repair, loan and replacement service, including telephone problem isolation support*** – For expedited problem determination for Scan2Net® Scanners (e.g. Bookeye, WideTEK), technicians connect to scanners directly through the internet. For Bookeye 3 scanners and at its discretion with other Scan2Net scanners, Image Access will service the scanner on-site within 24 – 72 hours of report and determination of equipment failure. For Bookeye 2, WideTEK & A300 scanners, Image Access may opt to provide an overnight loaner within 24 – 48 hours of report and determination of equipment failure. If a loaner scanner provided by Image Access is the same model and is in the same or better condition as the customer's scanner (e.g. it has performed approximately the same or fewer scans as the customer's scanner and its appearance is the same or better), Image Access reserves the right to permanently replace the customer's scanner with the loaner. Image Access will bear all shipping costs, provided shipping arrangements are made by Image Access and the customer follows Image Access' scanner return procedure.

THE KNOWLEDGE IMAGING CENTER (KIC)

"Walk-Up Scanning as Fast and Easy as Walk-Up Copying"

CROSS SECTION OF INSTITUTIONS UTILIZING KIC SYSTEMS – Page 1.

AMERICAN MUSEUM OF NATURAL HISTORY (NY)
BARD GRADUATE CENTER FOR STUDIES IN DECORATIVE ARTS (NY)
BAYLOR UNIVERSITY (TX)
BOSTON UNIVERSITY (MA)
BOSTON UNIVERSITY – SCHOOL OF LAW (MA)
CASE WESTERN UNIVERSITY (OH)
CENTER FOR HELENIC STUDIES (DC)
CHICAGO STATE UNIVERSITY (IL)
COLUMBIA UNIVERSITY – LAW SCHOOL (NY)
CUNY – BARUCH COLLEGE (NY)
CUNY – BOROUGH OF MANHATTAN COMMUNITY COLLEGE (NY)
EASTERN NEW MEXICO UNIVERSITY (NM)
EDWARDS AFB RESEARCH LAB (CA)
EMORY UNIVERSITY – SCHOOL OF LAW (GA)
FAYETTEVILLE STATE UNIVERSITY (NC)
FLORIDA ATLANTIC UNIVERSITY (FL)
FLORIDA INSTITUTE OF TECHNOLOGY (FL)
FORDHAM UNIVERSITY (NY)
FORDHAM UNIVERSITY – SCHOOL OF LAW (NY)
GEORGETOWN UNIVERSITY – SCHOOL OF LAW (DC)
HARVARD UNIVERSITY (MA)
HARVARD BUSINESS SCHOOL (MA)
HOFSTRA UNIVERSITY (NY)
HOWARD HUGHES MEDICAL INSTITUTE (VA)
INDIANA UNIVERSITY OF PENNSYLVANIA (PA)
IOWA STATE UNIVERSITY (IA)
KANSAS STATE UNIVERSITY (KS)
KEENE STATE COLLEGE (NH)
KANSAS STATE UNIVERSITY – COLLEGE OF VETERINARY MEDICINE (KS)
KENNESAW STATE UNIVERSITY (GA)
LONE STAR COLLEGE (TX)
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MA)
MIAMI UNIVERSITY/OXFORD, OHIO (OH)
MICHIGAN STATE UNIVERSITY (MI)
NATIONAL ARCHIVES & RECORDS ADMINISTRATION (MD)
NEW MEXICO STATE UNIVERSITY (NM)
NEW MEXICO STATE UNIVERSITY – COLLEGE OF HEALTH & SOCIAL SCIENCES (NM)
NEW YORK UNIVERSITY (NY)
NEW YORK UNIVERSITY INSTITUTE FOR THE STUDY OF THE ANCIENT WORLD (NY)
NEW YORK UNIVERSITY INSTITUTE OF FINE ARTS (NY)
NORTHWESTERN UNIVERSITY (IL)
PAUL SMITH'S COLLEGE (NY)
PEPPERDINE UNIVERSITY – SCHOOL OF LAW (CA)

THE KNOWLEDGE IMAGING CENTER (KIC)

"Walk-Up Scanning as Fast and Easy as Walk-Up Copying"

CROSS SECTION OF INSTITUTIONS UTILIZING KIC SYSTEMS – Page 2.

POLYTECHNIC UNIVERSITY OF PUERTO RICO (PR)
PLYMOUTH STATE UNIVERSITY (NH)
PRINCETON UNIVERSITY (NJ)
PRINCIPIA COLLEGE (IL)
RHODE ISLAND SCHOOL OF DESIGN (RI)
SAN DIEGO STATE UNIVERSITY (CA)
SOUTHERN METHODIST UNIVERSITY (TX)
SOUTHERN METHODIST UNIVERSITY – SCHOOL OF LAW (TX)
SOUTHERN METHODIST UNIVERSITY – SCHOOL OF THEOLOGY (TX)
SUNY AT BUFFALO (NY)
SUNY COLLEGE – PLATTSBURGH (NY)
TEXAS A & M UNIVERSITY – COLLEGE STA. (TX)
TEXAS SOUTHERN UNIVERSITY – SCHOOL OF LAW (TX)
TEXAS STATE LIBRARY & ARCHIVES (TX)
TEXAS STATE UNIVERSITY (TX)
TEXAS TECH UNIVERSITY (TX)
TULANE UNIVERSITY (LA)
THE FRICK ART REFERENCE COLLECTION (NY)
THE METROPOLITAN MUSEUM OF ART (NY)
UNIVERSITY OF ALASKA – ANCHORAGE (AK)
UNIVERSITY OF HOUSTON (TX)
U. S. HOLOCAUST MEMORIAL MUSEUM (DC)
UCLA (CA)
UCLA – SCHOOL OF LAW (CA)
UNIVERSITY OF GEORGIA – SCHOOL OF LAW (GA)
UNIVERSITY OF ILLINOIS – URBANA CHAMPAIGN (IL)
UNIVERSITY OF KANSAS (KS)
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER (MS)
UNIVERSITY OF MISSOURI – COLUMBIA (MO)
UNIVERSITY OF NEW HAMPSHIRE – DURHAM (NH)
UNIVERSITY OF NEW HAMPSHIRE – MANCHESTER (NH)
UNIVERSITY OF NEW MEXICO (NM)
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CROSS SECTION OF INSTITUTIONS UTILIZING KIC SYSTEMS – Page 2.

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PRINCETON UNIVERSITY (NJ)
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TEXAS STATE UNIVERSITY (TX)
TEXAS TECH UNIVERSITY (TX)
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UNIVERSITY OF HOUSTON (TX)
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GEORGETOWN UNIVERSITY – SCHOOL OF LAW (DC)
HARVARD UNIVERSITY (MA)
HARVARD BUSINESS SCHOOL (MA)
HOFSTRA UNIVERSITY (NY)
HOWARD HUGHES MEDICAL INSTITUTE (VA)
INDIANA UNIVERSITY OF PENNSYLVANIA (PA)
IOWA STATE UNIVERSITY (IA)
KANSAS STATE UNIVERSITY (KS)
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KENNESAW STATE UNIVERSITY (GA)
LONE STAR COLLEGE (TX)
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MA)
MIAMI UNIVERSITY/OXFORD, OHIO (OH)
MICHIGAN STATE UNIVERSITY (MI)
NATIONAL ARCHIVES & RECORDS ADMINISTRATION (MD)
NEW MEXICO STATE UNIVERSITY (NM)
NEW MEXICO STATE UNIVERSITY – COLLEGE OF HEALTH & SOCIAL SCIENCES (NM)
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NEW YORK UNIVERSITY INSTITUTE FOR THE STUDY OF THE ANCIENT WORLD (NY)
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E-quote Number: 1015066095701

E-quote Name	NSU-TF-2011.014	**E-Quote Description**	Grant 2011.014 Library
Saved By:	Alfred Ehlers	**Phone Number:**	(318) 357-6482
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Saved On:	Tuesday, February 08, 2011	**Notes/Comments:**	
Expires On:	Saturday, April 09, 2011	**Additional Comments:**	
Premier Page Name	Northwestern State University		

Description

Dell OptiPlex 980 Small Form Factor (N-Series) - New!

Date & Time: February 08, 2011 1:17 PM CST

SYSTEM COMPONENTS

Dell OptiPlex 980 Small Form Factor (N-Series) - New!	Qty	4
OptiPlex 980 Small Form Factor for Standard Power Supply, FreeDOS Operating System Kit, n-Series, English	Unit Price	$1,303.46

Catalog Number: **25 E1911_N**

Module	Description	Show Details
OptiPlex 980 SFF	OptiPlex 980 Small Form Factor for Standard Power Supply	
Operating System(s)	FreeDOS Operating System Kit, n-Series, English	
Processors	Intel® Core™ i5 Dual Core Processor 650 with VT (3.20GHz, 4M)	
Memory	4GB DDR3 Non-ECC SDRAM,1333MHz, (2 DIMM)	
Keyboard	Dell QuietKey Keyboard	
Monitors	Dell Professional 1909W 19in HAS Wide Monitor, VGA/ DVI	
Video Cards	Integrated Intel® Graphics Media Accelerator HD, DisplayPort/ VGA	
Boot Hard Drives	250GB 7,200 RPM 2.5" SATA, 3.0Gb/s Hard Drive with NCQ and 16MB Cache	
Mouse	Dell MS111 USB Optical Mouse	
Systems Management Mode	Intel Core i7/i5 vPro Technology Enabled	
Removable Media Storage Device	8X Slimline DVD+/-RW, Data Only	
Eco Kit	No Eco Kit	

Speakers	No Speaker, OptiPlex
Power Supplies	Standard Power Supply
Documentation	Opti 980 Documentation English
Hard Drive Mode	No RAID
Energy Efficiency Options	No Dell Energy Smart Power Management Settings
OptiPlex ON™ - Enhanced Communications Module	No Dell OptiPlex ON® Reader
Resource DVD	Resource DVD - contains Diagnostics and Drivers for n-Series systems
Hardware Support Services	5 Year Basic Limited Warranty and 5 Year NBD Onsite Service
Security Hardware	Chassis Intrusion Switch Option
Setup and Features Information Tech Sheet	No Tech Sheet
Ship Packaging Options	Shipping Material for System, Small Form Factor
Thermal Solutions	Mainstream CPU
Asset Tracking/Security (CFI)	Absolute Computrace Complete 4 Year - Education
Processor Branding	Intel I5 Dou Desktop vPro Sticker

TOTAL: $5,213.84

	Total Price
Sub-total	$5,213.84
Shipping & Handling	$0.00
Tax	--
Total Price[1]	--

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ORDER MAILING ADDRESS

Vendor Name:
Image Access, Inc. (30)

Federal Tax ID/Social Security Number:
65-0431478 (9)
(For Employee, System Generated Number)

Order From Address:
543 NW 77th Street (30)
(30)
(30)
(30)

City: Boca Raton (20)

State: FL (2)

Zip Code: 33487-_____(12)

Telephone: 800-378-5432 (7)

Fax: 561-431-2766 (7)

Company Contact:
(30)

E-Mail:
(40)

PAYMENT REMIT ADDRESS
(Only If Different From Mailing Address)

Vendor Name:
(30)

Federal Tax ID/Social Security Number:
(9)
(For Employee, System Generated Number)

Remit To Address:
(30)
(30)
(30)
(30)

City: (20)

State: _____(2)

Zip Code: _____-_____(12)

Telephone: _____-_____-_____(7)

Fax: _____-_____-_____(7)

Company Contact:
(30)

E-Mail:
(40)

Vendor's Terms: _____
(Screen 123) (Example 2%-10, Net 30)

Prepared by: Jennifer Roy Martin Date: 2.15.11

Approved by: Jennifer Roy Martin Date: 2.15.11

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E-quote Name	NSU-TF-2011.014	**E-Quote Description**	Grant 2011.014 Library
Saved By:	Alfred Ehlers	**Phone Number:**	(318) 357-6482
	ehlersa@nsula.edu	**Purchasing Agent:**	Diana Cobb
Saved On:	Tuesday, February 22, 2011	**Notes/Comments:**	
Expires On:	Saturday, April 23, 2011	**Additional Comments:**	
Premier Page Name	Northwestern State University		

Description

Dell OptiPlex 980 Small Form Factor (N-Series) - New!
Date & Time: February 22, 2011 6:02 PM CST

SYSTEM COMPONENTS

Dell OptiPlex 980 Small Form Factor (N-Series) - New! Qty 3

OptiPlex 980 Small Form Factor for Standard Power Supply, FreeDOS Operating System Kit, n-Series, English — Unit Price $1,286.96

Catalog Number: **25 E1911_N**

Module	Description	Product Code (hide)	Sku (hide)	Id (hide)
OptiPlex 980 SFF	OptiPlex 980 Small Form Factor for Standard Power Supply	980SFF	[224-7538]	1
Operating System(s)	FreeDOS Operating System Kit, n-Series, English	DOS	[310-8325] [420-6353]	11
Processors	Intel® Core™ i5 Dual Core Processor 650 with VT (3.20GHz, 4M)	VI5650I	[317-3683]	2
Memory	4GB DDR3 Non-ECC SDRAM,1333MHz, (2 DIMM)	!4G3N32	[317-3673]	3
Keyboard	Dell QuietKey Keyboard	!QUSB	[330-1989]	4
Monitors	Dell Professional 1909W 19in HAS Wide Monitor, VGA/ DVI	P1909W	[320-8466]	5
Video Cards	Integrated Intel® Graphics Media Accelerator HD, DisplayPort/ VGA	!INTVID	[320-7407]	6
Boot Hard Drives	250GB 7,200 RPM 2.5" SATA, 3.0Gb/s Hard Drive with NCQ and 16MB Cache	250S2	[342-0682]	8
Mouse	Dell MS111 USB Optical Mouse	USBOP	[330-9458]	12
Systems Management Mode	Intel Core i7/i5 vPro Technology Enabled	VPRO	[330-6596]	15
Removable Media Storage Device	8X Slimline DVD+/-RW, Data Only	DRM8SO	[313-9274]	16
Eco Kit	No Eco Kit	NOECO	[311-9539]	17
Speakers	No Speaker, OptiPlex	NSPK	[313-4825]	18
Power Supplies	Standard Power Supply	SFFSPS	[313-9337] [421-5078]	20
Documentation	Opti 980 Documentation English	DOCENG	[330-1710] [330-1711]	21
Hard Drive Mode	No RAID	NORAID	[341-8036]	24

Energy Efficiency Options	No Dell Energy Smart Power Management Settings	NOESMRT	[467-3564]	25
OptiPlex ON™ - Enhanced Communications Module	No Dell OptiPlex ON® Reader	OPTIOFF	[421-2543]	26
Resource DVD	Resource DVD - contains Diagnostics and Drivers for n-Series systems	RDVDN	[330-7591]	27
Hardware Support Services	5 Year Basic Limited Warranty and 5 Year NBD Onsite Service	U5OS	[907-9334] [908-7448] [908-7497] [925-2080]	29
Security Hardware	Chassis Intrusion Switch Option	SWITCH	[310-6719]	38
Setup and Features Information Tech Sheet	No Tech Sheet	NOTSH	[310-9444]	40
Ship Packaging Options	Shipping Material for System, Small Form Factor	SFFSHIP	[330-2031]	41
Thermal Solutions	Mainstream CPU	MAINSTR	[330-7529]	42
Asset Tracking/Security (CFI)	Absolute Computrace Complete 4 Year - Education	CC4SLG	[364-1191] [364-7655] [365-1046] [365-1245] [372-4077]	351
Processor Branding	Intel I5 Dou Desktop vPro Sticker	VI5DDT	[330-8519]	749
			TOTAL:	**$3,860.88**

	Total Price
Sub-total	$3,860.88
Shipping & Handling	$0.00
Tax	--
Total Price[1]	--

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