

Division of Academic Affairs
Technology Fee – Systemic Project Proposal
2023

Proposal Deadline: Friday, February 3, 2023 @ 5:00 pm

Project Proposal Type

Systemic Project

Projects proposed by operational units of the university (e.g., colleges, academic departments, library, etc.) for instructional technology enhancements of unit-wide or university-wide scope.

All Systemic Project proposals must be acknowledged (signed) by the operational unit head and (e.g. Dean, Chair, Director, etc.). Proposals from units within a College should also include acknowledgment by the Dean.

Project Title

Adobe Creative Cloud For ArgoApps Enhancement

Total Amount of Funding Requested

\$35,279.16

Primary Project Coordinator

Frederic P. Barry

Unit Head Acknowledgment

Unit Head Signature: Stephanie O'Connell Date: 30 January 2023

Dean Acknowledgment (if applicable)

Unit Head Signature: Stephanie O'Connell Date: 30 January 2023

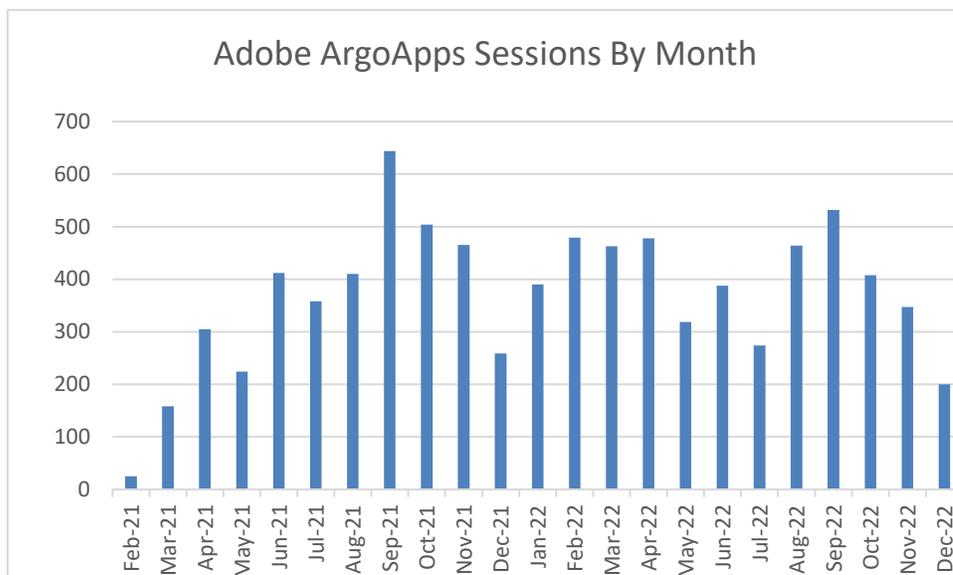
Division of Academic Affairs Systemic Project Proposal Template 2023

Systemic proposals must provide the following information:

1. **Description of initiative/investment to enhance instructional technology.**

The UWF Libraries have provided *in-person* access to the Adobe Creative Cloud suite of applications (Acrobat, Photoshop, Premiere, Illustrator, etc.) since the establishment of the library Skylab in 2010. The need to extend the availability of these applications to *remote* users became critically evident in 2020 when the campus closed due to COVID-19. At that time, the library, using suddenly idle student computers and in partnership with ITS, created a temporary solution to provide remote access to needed Adobe applications via ArgoApps.

The success of the pandemic-inspired ArgoApps Adobe lab led the library to establish a permanent 10 “seat” version of the service in the spring of 2021. While this service has been available for slightly less than two years, it has proven to be one of our most popular offerings. Our usage statistics show that through the end of 2022, this service has been accessed **8,506** times by **1,581** unique users.



The hardware currently used to provide this service came from reallocating existing library lab computers. While these devices meet the campus standards for computing hardware, their configuration is targeted towards general-purpose work (e.g., internet research, document and spreadsheet creation, etc.) rather than being optimized for media creation and editing. We are requesting to upgrade these devices with this proposal.

2. Description of how initiative has a college/unit-wide or university-wide scope.

The Adobe Creative Cloud suite includes over 20 programs that have applicability across all disciplines. Consider these examples:

- Communication students using Adobe InDesign to create layouts of a magazine or book.
- Theatre students using Adobe Premiere to edit a video recording of a performance or create a credits roll.
- Nursing students using Adobe Illustrator to design a poster for presentation at a conference.
- Biology students using Adobe Photoshop to digitize, highlight, and annotate images for publication.
- Education students using Adobe Acrobat to convert analog materials (e.g. tests) into fillable electronic forms.
- Computer science students using Adobe Audition to create and edit audio assets for an application or game.

3. Description of project alignment with the UWF Strategic Plan.

This proposal aligns with UWF's 2022-2027 Strategic Plan in the following ways:

Strategic Direction 1.3 – “Adequate physical and virtual learning support opportunities for earning degrees and related credentials, including post-graduation.”

As stated earlier, the library has been providing physical access to the Adobe Creative Cloud software on dedicated machines at all of our locations since 2010. We extended this access to include remote (virtual) learners in early 2021. The upgrades proposed herein will help enhance the service for all users (including virtual learners) and ensure that it continues to perform at a *better* than “adequate” level for several years.

Strategic Direction 5.2 – “Maintain up-to-date technology.”

This service comprises two components: the software people use and the hardware it runs on. The library has and continues to be committed to keeping the software up-to-date by maintaining (and paying for) our yearly Adobe Creative Cloud software subscription. For the best performance and, by extension, the best *user experience*, constantly evolving software should be paired with the up-to-date hardware proposed here.

Strategic Direction 7.1 – “Maintain a welcoming, inclusive, equitable and respectful environment for employees, students, visitors and service partners.”

The University Libraries exists to serve all members of the UWF community regardless of unit, department, college, degree program, etc. Our existing Adobe Creative Cloud offerings have and will continue to be usable by anyone with valid UWF credentials. This promotes an equitable learning environment by providing *all* students with equal access to these resources irrespective of their course of study, physical location, preferred device type, etc.

4. Description of benefits provided.

The primary benefit gained with the implementation of this proposal is increased application performance across the board. For non-internet applications like those found in the Adobe suite, how performant an application “feels” is *generally* dependent on the following:

- CPU - measured in generation (newer design vs. older), speed, and core count. A device with a newer CPU and more cores will be able to process data more quickly than a device with an older CPU and fewer cores.
- RAM - measured in capacity and speed. RAM is fast temporary data storage. It is much faster for applications to work with data stored in RAM than elsewhere. A device with more RAM will be able to load and work with more information in “fast” storage compared to a device with less RAM.
- Hard drive - measured in capacity and speed. Drives must have enough capacity to store all required applications *and* the data those applications will be working with or creating as output. In terms of speed, compared to RAM, hard drives are considered to be “slow storage.” Still, a device with a faster hard drive will allow data and programs to be saved and loaded more quickly compared to a device with a slower hard drive.
- Presence or absence of hardware accelerators – measurement varies by type. Some types of data processing can be accelerated by sending the information to a specialized and dedicated device that has been purposefully designed for that task. For example, a device with a hardware-accelerated graphics card can process video data more quickly and more efficiently than a device that has no accelerated graphics.

Below is a table highlighting the hardware currently powering our existing Adobe ArgoApps service vs. the upgraded hardware requested in this proposal.

Component	Current Hardware	Proposed Hardware
CPU (Generation, Speed, Cores)	Intel i5-8400 (8 th , 2.8 GHz, 6)	Intel i9-12900K (12 th , 3.2 GHz, 16)
Installed RAM	16 GB	64 GB
Hard Drive Capacity (Type - Interface)	250 GB (Solid State - SATA)	2000 GB (Solid State - NVME)
Graphics Accelerator (Video RAM)	NVIDIA Quadro P400 (2 GB)	NVIDIA RTX A2000 (12 GB)

Three of the most resource intensive applications in the Adobe Creative suite are Photoshop, Premiere Pro, and After Effects. The Adobe “minimum” hardware requirements and “recommended” hardware specifications are included as attachments to this proposal for reference (attachments A, B, C). The hardware requested in this

proposal purposefully exceeds the current recommendations from Adobe. This provides us with a certain amount of performance “headroom,” which ensures that our overall service (the combination of software and *hardware*) will continue to be considered to be “up-to-date” for some time to come.

If this proposal is implemented, a secondary benefit is that the machines will be covered by a comprehensive warranty for five years. This will allow us to ensure that the service remains fully available with no additional costs for replacement parts.

5. Description of how success/impact will be measured.

The UWF Libraries will continue to gather statistical information related to the usage of this service. In addition, we may also solicit feedback from the users of this service to determine if it is meeting their needs or if we can do anything differently to make it more useful.

6. Detailed description of resources required including hardware and software requirements and personnel costs (faculty compensation is not an allowed cost).

Item (<i>Vendor/Source Of Quote</i>)	Cost Per Item	# Of Items	Total Cost
Dell Precision 3660 Tower or equivalent. The configuration specified with this proposal has been approved by ITS. Jira ITS-160709 (<i>Dell</i>). Attachment D	\$3,359.92	10	\$33,599.20
5% Contingency			\$1,679.96
TOTAL			\$35,279.16

7. All Tech Fee Proposals must be reviewed by ITS prior to submission. Please provide your JIRA Ticket # here.

JIRA ticket number **TF-148**. Submitted January 23, 2023 and approved January 26, 2023.

8. Please note the location(s) (Building, Room #) where the project work will take place.

All equipment will be installed in secured cabinets on the first and second floors of the John C. Pace Library (Building 32).

9. Proposed timeline.

All equipment specified in this proposal is expected to be readily available. Once the equipment arrives, we anticipate the deployment process to take less than one week. There are no construction or infrastructure changes required to support this proposal.

Depending on when funding is made available to us, this equipment could be in place and usable by the start of the 2023 summer semester.

10. Plan for sustainability beyond conclusion of funding from technology fee, if applicable.

Not applicable.

11. Resource matching commitments from other organizations/sources (identify organization and amounts), if applicable.

Not applicable.

12. Individual responsible for reporting and accountability, along with contact information.

Frederic P. Barry
Systems Administrator
University Libraries
fbarry@uwf.edu
Work: 850.857.6157
Cell: 850.450.6003

Attachment A

Adobe Photoshop Minimum & Recommended System Requirements

Retrieved 1/23/2023 from <https://helpx.adobe.com/photoshop/system-requirements.html>

	Minimum	Recommended
Processor	Multicore Intel® or AMD processor (2 GHz or faster processor with SSE 4.2 or later) with 64-bit support	
Operating system	Windows 10 64-bit (version 20H2) or later; LTSC versions are not supported	
RAM	8 GB	16 GB or more
Graphics card	<ul style="list-style-type: none">• GPU with DirectX 12 support• 1.5 GB of GPU memory	<ul style="list-style-type: none">• GPU with DirectX 12 support• 4 GB of GPU memory for 4k displays and greater• GPUs less than 7 years old. Currently, we don't support testing on GPUs older than 7 years.
	See the Photoshop graphics processor (GPU) card FAQ	
Monitor resolution	1280 x 800 display at 100% UI scaling	1920 x 1080 display or greater at 100% UI scaling
Hard disk space	4 GB of available hard-disk space; additional space is required for installation	16 GB of available hard-disk space; additional space is required for installation <ul style="list-style-type: none">• Fast internal SSD for app installation• Separate internal drive for scratch disks.
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services †	

Attachment B

Adobe Premiere Pro Minimum & Recommended System Requirements

Retrieved 1/23/2023 from <https://helpx.adobe.com/premiere-pro/system-requirements.html>

	Minimum specifications for HD video workflows	Recommended specifications for HD, 4K, or higher
Processor	Intel® 6th Gen or newer CPU – or AMD Ryzen™ 1000 Series or newer CPU	Intel® 7th Gen or newer CPU with Quick Sync – or AMD Ryzen™ 3000 Series / Threadripper 2000 series or newer CPU
Operating system	Windows 10 (64-bit) V20H2 or later <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Note: Premiere Pro versions 22.0 and later are compatible with Windows 11 operating systems. For systems with NVIDIA GPUs, Windows 11 requires NVIDIA driver version 472.12 or later.</p> </div>	Microsoft Windows 10 (64-bit) version V20H2 or later
Memory	8 GB of RAM	Dual-channel memory: <ul style="list-style-type: none"> • 16 GB of RAM for HD media • 32 GB or more for 4K and higher
GPU	2 GB of GPU memory For a list of supported graphic cards, see Supported graphics cards for Adobe Premiere Pro .	<ul style="list-style-type: none"> • 4 GB of GPU memory for HD and some 4K media • 6 GB or more for 4K and higher For a list of supported graphic cards, see Supported graphics cards for Adobe Premiere Pro .
Storage	<ul style="list-style-type: none"> • 8 GB of available hard-disk space for installation; additional free space required during installation (will not install on removable flash storage) • Additional high-speed drive for media 	<ul style="list-style-type: none"> • Fast internal SSD for app installation and cache • Additional high-speed drive(s) for media
Display	1920 x 1080	<ul style="list-style-type: none"> • 1920 x 1080 or greater • DisplayHDR 400 for HDR workflows
Sound card	ASIO compatible or Microsoft Windows Driver Model	ASIO compatible or Microsoft Windows Driver Model
Network storage connection	1 Gigabit Ethernet (HD only)	10 Gigabit ethernet for 4K shared network workflow

Attachment C

Adobe After Effects Minimum & Recommended System Requirements

Retrieved 1/23/2023 from <https://helpx.adobe.com/after-effects/system-requirements.html>

	Minimum specifications	Recommended specifications
Processor	Intel or AMD Quad-Core Processor	(8-Core or above for Multi-Frame Rendering recommended)
Operating system	Microsoft Windows 10 (64-bit) V20H2 or later	Microsoft Windows 10 (64-bit) V20H2 or later
RAM	16 GB of RAM	32 GB recommended
GPU	2 GB of GPU VRAM <div data-bbox="354 800 1076 968" style="border: 1px solid black; padding: 5px;"><p>Note:  For systems with NVIDIA GPUs, Windows 11 requires NVIDIA driver version 472.12 or later.</p></div>	4GB or more of GPU VRAM recommended
Hard disk space	15GB of available hard-disk space; additional free space required during installation (cannot install on removable flash storage devices)	Additional disk space for disk cache (64GB+ recommended)
Monitor resolution	1920 x 1080	1920x1080 or greater display resolution
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.*	

Attachment D

Dell eQuote 3000141879182. Obtained 1/17/2023 and provisionally approved by ITS (ITS-160709)

Faculty and Staff at UWF Mail - Dell Computer - Saved Quote Informat... <https://mail.google.com/mail/u/0/?ik=7243d3c5f4&view=pt&search=a...>



Frederic Barry <fbarry@uwf.edu>

Dell Computer - Saved Quote Information -3000141879182

1 message

Dell Inc. <dell_automated_email@dell.com>
Reply-To: "Dell Inc." <dell_automated_email@dell.com>
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Tue, Jan 17, 2023 at 3:34 PM



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Saved By	fbarry@uwf.edu
eQuote Description	
Authorized Buyer	Marcia Rollins
Notes/Comments	
Account Name	University of West Florida
Contract Code	C000000010853
Contract Name	Dell NASPO Computer Equipment PA - State of FL
Customer Agreement #	MNWNC-108 / 43211500-WSCA-15-ACS

eQuote Summary

Description	Quantity	Unit Price	Subtotal
Precision 3660 Tower - Build Your Own	10	\$3,359.92	\$33,599.20

eQuote Subtotal	\$33,599.20
Shipping*	\$0.00
Shipping Discount*	\$0.00

eQuote Total* **\$33,599.20**

*The eQuote total, including applicable taxes and additional fees, may be viewable online.

Note: Your order may contain one or more items which are billed on a recurring basis. See Important Notes for details on your specific offering and, for customers with auto-renewing subscriptions, how to turn off automatic renewal.

eQuote Details

Description	Quantity	Price
xctopt3660usr Precision 3660 Tower - Build Your Own	10	\$58,433.40
Premier Discount		\$24,834.20
(Unit Price after discount: \$3,359.92 ea.)		\$33,599.20

Module	Description	Product Code	Sku	ID
Processor	12th Gen Intel® Core™ i9-12900K (30MB cache, 16 cores, 24 threads, 3.20 GHz to 5.20 GHz Turbo, 125W)	GC5O429	[338-CDGM] [412-ABBQ]	146
Operating System	Windows 11 Pro, English, French, Spanish	GB0LZ09	[619-AQCE]	11
Microsoft Office	No Microsoft Office License included	GC7OFJV	[658-BCSB]	1002
Chassis Options	Precision 3660 Tower with 500W (80 Plus Platinum) PSU	GH8WO1B	[321-BHGG]	116
Memory	64 GB, 2 x 32 GB, DDR5, 4400 MHz	G1P7F9A	[370-AGYI]	3
Video Card	NVIDIA® RTX™ A2000, 12 GB GDDR6, 4 mDP	GT8LJDU	[490-BHXF]	6
Storage Configuration (Boot Drive)	C1: M.2 SSD Boot + Optional M.2 SSD (No SATA HDD)	G14KN0U	[449-BBXF]	276
Raid Connectivity	No SATA RAID	G9BYT4Q	[780-BBCJ]	1009
1st M.2 NVMe SSD	2TB PCIe NVMe™ Class 40 M.2 SSD	G2TCULR	[400-BNGN] [412-AAZW]	102
Additional M.2 NVMe SSD	No Hard Drive	GMKBO5E	[400-AKZR]	202
1st Hard Disk Drive	No Hard Drive	GMKBO5E	[400-AKZR]	8

2nd Hard Disk Drive	No Hard Drive	GMKBO5E	[400-AKZR]	637
3rd Hard Disk Drive	No Hard Drive	GMKBO5E	[400-AKZR]	54
4th Hard Disk Drive	No Hard Drive	GMKBO5E	[400-AKZR]	51
Additional Network Add-in-cards	No Additional Network Card Selected (Integrated NIC included)	GPQ31WV	[555-BBJO]	13
Wireless	No Wireless LAN Card (no WiFi enablement)	GE7Y41P	[555-BBFO]	19
PCIe I/O Add-in-cards	Not selected in this configuration	GY2RECF	[817-BBBC]	666
Optional Integrated Video or USB Ports	No Additional Port	GH2ILWN	[492-BCLP]	36
CD ROM/DVD ROM	No Optical Drive	GX7JTRL	[429-ABMS]	16
Optical Software	Cyberlink Media Suite Essentials for Windows 10 and DVD drive (without Media)	GWNM30Y	[658-BBTV]	597
Intel Active Management Technology	Intel Management Engine with vPro	GRA5PXN	[631-ADHW]	49
Keyboard	No Keyboard Selected	GXJ4HE7	[580-AABG]	4
Mouse	No Mouse Selected	GKJD14Q	[570-AAAF]	12
E-Star	ENERGY STAR Qualified	G6J34SM	[387-BBLW]	122
EPEAT	EPEAT 2018 Registered (Gold)	GBU8CHM	[379-BDZB]	200331
TPM Security	Dell Precision TPM	G1MEH6P	[340-ACBY]	297
Thermal Cooling	Premium CPU Liquid Cooler	GDURG5N	[412-ABBT]	412
Driver	No Wireless LAN	GW15M6D	[555-BBNI]	7
Power Cord	US Power Cord	GPYN5HX	[450-AHDU]	20
Documentation/Disks	Safety/Environment and Regulatory Guide (English/French Multi-language)	G7RB0GY	[340-AGIK]	21
Placemat	Quick Setup Guide, Precision 3660	G5RP6E3	[340-CYVU]	60
UPC Label	No UPC Label	G8WGTYN	[389-BCGW]	292
Packaging	Shipping Material for MT	GG6R8EP	[340-CBUU] [340-CZQO]	465
Label	500W Platinum PSU Label	GO87ARH	[389-EDFT]	676
Processor Branding	Intel Core i9 vPro Enterprise Processor Label	GE9HNOM	[389-EDDS]	749
Internal Speakers	No Internal Speaker	GK95QLS	[520-AARK]	18
External Optical Device	No External ODD	GVTOW4N	[429-ABGY]	317
Windows AutoPilot	No AutoPilot	GYEO2AP	[340-CKSZ]	291
Monitor Stands	No Stand	GK0645E	[575-BBCH]	558
Cables and Dongles	No Additional Cable	GIX0L8M	[379-BBCY]	592
Operating System Recovery Options	OS-Windows Media Not Included	GLA9OQ1	[620-AALW]	200013
External Speakers	No External Speaker	GTNM7E2	[817-BBBC] [525-BBCL] [640-BBLW] [640-BBSC]	200095
Non-Microsoft Application Software	Windows Software Applications	GTL CJ0Y	[640-BBSN] [658-BBMR] [658-BBRB] [658-BEOK]	1003
Protect your new PC	No anti-virus software	GD4K19S	[650-AAAM]	1014

Hard Drive Software	Intel® Rapid Storage Technology Driver, Precision 3660T	G8I1NEC	[409-BCWP]	707
FGA Module	No FGA	NOFGA	[817-BBBB]	572
Precision 3660 Tower	Precision 3660 Tower CTO BASE	G8GMFI3	[210-BCUR]	1
			[989-3449]	
Services:Hardware Support	5 Years ProSupport with Next Business Day Onsite Service	PN5	[997-2808] [997-2838] [997-6784]	29

eQuote Subtotal	\$33,599.20
Shipping*	\$0.00
Shipping Discount*	\$0.00

eQuote Total* \$33,599.20

*The eQuote total, including applicable taxes and additional fees, may be viewable online.

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