WNYRIC Standards List as of May 2019

*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.

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Category: 1. Computers

Sub Category	Item	Comments
A. Desktop B. Laptop C. Tablet D. Chromebook		
A, B, C	Apple	
A, B, C, D	Acer	
A, B, C, D	Dell	
A, B, C, D	HP	
A, B, C, D	Lenovo	
A, B, C, D	Sony	NNI 8/22/18
A, B, C, D	Toshiba	NNI 8/22/18
B	BAK	Atlas only--NNI/Under Review 8/22/18
B, C, D	Asus	
B, C, D	Microsoft	

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D	Samsung	Chromebook only

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Category: 2. Operating Systems

Sub Category	Item	Comments
A. Network	Linux	Red Hat/Ubuntu --Actively supported
A. Network	Micro Focus (formely Novell)	NNI 11/15/2017
A. Network	VMWare	Actively supported
A. Network	Windows 2008 and newer	Includes MS Hyper V
B. Workstations	Chrome OS	
B. Workstations	Linux	Red Hat/Ubuntu (Actively supported)
B. Workstations	Mac OS X	
B. Workstations	Thin Zero Client	
B. Workstations	Windows 7 and newer	Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network.
C. Tablets	Android 3.1	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

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C. Tablets	iOS4.1	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

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Category: *3. Internet Browsers*

Sub Category	Item	Comments
	Chrome	Actively supported
	Edge	Actively supported
	Firefox	Actively supported
	Internet Explorer	Actively supported
	Safari	Actively supported

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Category: 4. Printers

Sub Category	Item	Comments
A. 3D		Others as required or recommended by specific supported services/applications
B. High Speed Networked Digital	Canon	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Konica-Minolta	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Kyocera Mita	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Panasonic	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Ricoh	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf

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B. High Speed Networked Digital	Sharp	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Toshiba	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
B. High Speed Networked Digital	Xerox	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 18-19 https://main.wnyric.org/doc/Erie1Coo.nsf
C. Standard		Others as required or recommended by specific supported services/applications
C. Standard	Dell	
C. Standard	Epson	
C. Standard	HP	
C. Standard	Lexmark	
C. Standard	Okidata	
C. Standard	PTM Document Systems	Print to mail units for Standards supported printers

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C. Standard   Ricoh

C. Standard   Xerox

D. Large Format Printer   HP

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Category: 5. Scanners

Sub Category	Item	Comments
		Others as required or recommended by specific supported services/applications
	Canon	
	HP	

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Category: 6. Software

Sub Category	Item	Comments
A. Anti Theft/Data Protection	Absolute Computrace	
B. Collaborative Software	Exchange	
B. Collaborative Software	Lotus Notes	
C. Desktop Image Protection	Deep Freeze	Refer to WNYRIC End Point Management Best Practices
C. Desktop Image Protection	ZenWorks	Refer to WNYRIC End Point Management Best Practices
D. Desktop Imaging	Symantec Ghost	
E. Malware Protection	Computer Associates	
E. Malware Protection	McAfee	
E. Malware Protection	Microsoft Endpoint Protection	
E. Malware Protection	Sophos	

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E. Malware Protection	Symantec	
F. Office Productivity	File Maker Pro	
F. Office Productivity	Microsoft Office Suite	Or its components
F. Office Productivity	OpenOffice	
G. Printer Management	Papercut MF	
G. Printer Management	Print Manager Plus	
H. Terminal Servers	Citrix	
H. Terminal Servers	Microsoft	

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Category: 7. Servers

Sub Category	Item	Comments
A. Standard	Dell	
A. Standard	HP	
A. Standard	Lenovo	
B. SAN		Others as required or recommeded by specific supported services/applications
B. SAN	Dell	
B. SAN	HP	

Category: *8. Server Backup*

Sub Category	*Item*	*Comments*
A. Hardware	Dell	
A. Hardware	Exagrid	
A. Hardware	HP	
A. Hardware	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
A. Hardware	Internal Tape Backup recommended by manufacturer	
B. Software	ARCServ	
B. Software	Backup Exec	
B. Software	NovaStor	
B. Software	Paragon Backup and Restore	

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B. Software   Retrospect MAC
                             OSX

B. Software   Veeam Backup

B. Software   Yosemite/Novanet   NNI 2/14/2018

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Category:　　　　*9. UPS*

Sub Category	Item	Comments
	APC	New installs designed to be plugged into existing outlet (Excludes hard wired solutions)

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Category: *10. Virtualization*

Sub Category	Item	Comments
A. Desktop Application	Oracle Virtual Box	
A. Desktop Application	Parallel	
A. Desktop Application	Spoon Virtual Application Studio	
A. Desktop Application	VMWare Fusion	
B. Private Cloud	Classlink-Launchpad	
B. Private Cloud	WebNetwork-Stoneware	
C. Workstations	nComputing	

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Category: *11. Communications Equipment***

Sub Category	Item	Comments
A. Routers/Switches	Avaya	
A. Routers/Switches	Cisco	
A. Routers/Switches	Cisco Meraki Cloud Managed Switch Gear	Must consult with WNYRIC WAN Senior Engineer prior to purchase.
A. Routers/Switches	Dell	
A. Routers/Switches	Extreme	
A. Routers/Switches	HPE/Aruba	
A. Routers/Switches	Juniper	
B. Wireless Access Points	Aruba	
B. Wireless Access Points	Avaya	
B. Wireless Access Points	Cisco	
B. Wireless Access Points	Extreme	

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B. Wireless Access Points	Fortinet (formerly Meru)	Updated 8/23/17--Meru was acquired by Fortinet
B. Wireless Access Points	Meraki/Cisco	
C. Wireless Bridge	LigoWare	
C. Wireless Bridge	Ubiquiti	
D. VPN	Cisco ASA	
D. VPN	Fortinet Fortigate	Must Consult with WAN/LAN senior for sizing and requires district sign off for VPN use only (any work not related to VPN would be billable)

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Category: *12. VoIP*

Sub Category	Item	Comments
	Avaya	
	Cisco	
	Mitel	as of 8/22/2018

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Category: *13. Video Conferencing*

Sub Category	Item	Comments
A. Hardware Appliance Based	Cisco Tandberg Videoconferencing	
A. Hardware Appliance Based	Polycom Videoconferencing	
B. Software Based	Webex	
B. Software Based	Zoom	

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Category: *14. Network Optimization*

Sub Category	Item	Comments
	Vmware Vcenter Operations Manager	

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Category: 15. End Point Management

Sub Category	Item	Comments
	Faronics Deep Freeze Cloud Connector	
	IBM TEM	Tivioli Endpoint Management
	Impero	Accessible on local network only
	JAMF Casper Suite	
	Lansweeper	
	SCCM	2012 SP1 and newer