WNYRIC Standards List as of August 2022

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Category: *1. Computers*

Sub Category	Item	Comments
A. Desktop B. Laptop C. Tablet D. Chromebook/Chromebox		Updated 8/18/2021
A., B., C	Apple	
A., B., C.	Microsoft	Added 11/13/13 Updated 8/18/21
A., B., C., D	Acer	
	Dell	
	HP	
	Lenovo	
B., C., D	Asus	Added 11/12/14
D.	Samsung	Chromebook only

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Category: 2. Operating Systems

Sub Category	Item	Comments
A. Network	Linux	Red Hat/Ubuntu Actively supported version
	VMWare	Actively supported version
	Windows	Actively supported version Includes MS Hyper V
B. Workstations	Chrome OS	Actively supported version
	Linux	Red Hat/Ubuntu Actively supported version
	Mac OS X	Actively supported version
	Thin Zero Client	Actively supported version
	Windows	Actively supported version
C. Tablets	Android	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported version)
	iOS	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported version)

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Category: 3. Internet Browsers

Sub Category	Item	Comments
	Chrome	Actively supported version
	Edge	Added 2/15/17 Actively supported version
	Firefox	Actively supported version
	Internet Explorer	Actively supported version
	Safari	Actively supported version

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Category: 4. Printers

Sub Category	Item	Comments
A. 3D		Updated 8/18/22; Per OCM Bid 222-45 or as approved by CSLO
B. High Speed Networked Digital		Updated 8/18/21--Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf
C. Standard		Others as required or recommended by specific supported services/applications
	Dell	
	Epson	
	HP	
	Lexmark	
	Ricoh	
	Xerox	
D. Large Format Printer	HP	Updated 8/18/21: As approved by CSLO

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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	
C. Desktop Image Protection	Deep Freeze	Refer to WNYRIC End Point Management Best Practices
	ZenWorks	Refer to WNYRIC End Point Management Best Practices--NNI 8/18/21
D. Desktop Imaging	Broadcom (formerly Symantec Ghost)	Updated 8/19/2020
E. Malware Protection		EDR & MDR NextGen products will be available through the WNYRIC Cybersecurity Service with optional 24/7 vendor products.
	Broadcom (formerly Symantec Ghost)	Updated 8/19/2020
	Computer Associates	NNI 8/19/2020
	McAfee	
	Microsoft Endpoint A3	Updated 8/24/16; revised 8/18/22

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E. Malware Protection   Sophos

F. Office Productivity   File Maker Pro

Microsoft Office Suite   Or its components

OpenOffice

G. Printer Management   Papercut MF   Added 11/18/15

H. Terminal Servers   Microsoft

Category: 7. Servers

Sub Category	Item	Comments
A. Standard	Dell	
	HP	
	Lenovo	Updated 11/18/15
B. SAN		Others as required or recommended by specific supported services/applications
	Dell	
	HP	

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Category: 8. Server Backup

Sub Category	Item	Comments
A. Hardware	Dell	
	Exagrid	
	HP	
	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
	Internal Tape Backup recommended by manufacturer	
B. Software	ARCServ	
	Backup Exec	
	NovaStor	
	Paragon Backup and Restore	Added 11/12/14
	Retrospect MAC OSX	

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B. Software   Veeam Backup   Updated 2/14/18

C. Cloud   Veeam Backup for O365   Added 8/19/2020

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Category: **9. UPS**

Sub Category	Item	Comments
	APC	Added 5/4/16--Updated 5/1/19: New installs designed to be plugged into existing outlet (excludes hard wired solutions).Does include Dell re-branded APC UPS units.
	Liebert	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	Parallel	
	VMWare (formerly VMWare Fusion)	Updated 8/19/2020
B. Private Cloud	Classlink	

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Category: 11. Communications Equipment**

Sub Category	Item	Comments
A. Routers/Switches	Avaya/Extreme	Formerly Avaya Updated 8/2/2019
	Cisco	
	Cisco Meraki Cloud Managed Switch Gear	Added 11/12/14: Must consult with WNYRIC WAN Senior Engineer prior to purchase. NNI 2/12/20
	Dell	
	HPE/Aruba	
	Juniper	Added 5/3/2017; NNI 11/18/2020
B. Wireless Access Points	Aruba	
	Avaya/Extreme	Formerly Avaya Update 8/21/2019
	Cisco	
	Fortinet (formerly Meru)	Updated 8/23/17: Meru was acquired by Fortinet
	Meraki/Cisco	

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C. Wireless Bridge

LigoWave

Ubiquiti

D. VPN

Cisco ASA — Added 5/1/19

Fortinet Fortigate — Added 5/1/19--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	Updated 11/13/13
	Cisco	
	Mitel	Added 8/22/2018

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Category: 13. Video Conferencing

Sub Category	Item	Comments
A. Hardware Appliance Based	Cisco Webex (formerly Cisco Tandberg)	Updated 11/18/2020
	Polycom Videoconferencing	
B. Software Based	Webex	Added 11/15/17
	Zoom	Added 11/15/17

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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	
	Impero	Accessible on local network only
	JAMF (formerly JAMF Casper Suite)	Added 2/11/15--Updated 8/18/21
	Lansweeper	Added 11/16/16
	SCCM	2012 SP1 and newer