

WNYRIC Standards List as of November 2020

**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**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---|-------------|--|
| A. Desktop B. Laptop C. Tablet D. Chromebook | | |
| A, B, C | Apple | |
| A, B, C, D | Acer | |
| | Dell | |
| | HP | |
| | Lenovo | |
| B | BAK | Atlas only NNI/Under Review 8/22/18 |
| B, C, D | Asus | Added 11/12/14 |
| | Microsoft | Added 11/13/13 |
| D | Samsung | Chromebook only |

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Category: *2. Operating Systems*

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|------------------------|------------------|---|
| 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 3.1 | OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported version) |
| | iOS4.1 | 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*

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|-------------------|---|
| | 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**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|--|----------------|--|
| A. 3D | | Updated 8/19/2020; Per OCM Bid 220-38 |
| B. High Speed Networked Digital | Canon | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Konica-Minolta | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Kyocera Mita | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Panasonic | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Ricoh | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Sharp | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |
| | Toshiba | Selected models that are listed on the Erie 1 BOCES bid High Speed Printers: https://main.wnyric.org/doc/Erie1Coo.nsf |

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B. High Speed Networked Digital

Xerox

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

Okidata

PTM Document Systems

Print to mail units for Standards supported printers

Ricoh

Xerox

D. Large Format Printer

HP

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Category: **5. Scanners**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|-------------|---|
| | | Others as required or recommended by specific supported services/applications |
| | Canon | |
| | HP | |

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Category: **6. Software**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|--------------------------------------|------------------------------------|---|
| A. Anti Theft/Data Protection | Absolute Computrace | |
| B. Collaborative Software | Exchange | |
| | Lotus Notes | NNI 8/29/2019 |
| C. Desktop Image Protection | Deep Freeze | Refer to WNYRIC End Point Management Best Practices |
| | ZenWorks | Refer to WNYRIC End Point Management Best Practices |
| D. Desktop Imaging | Broadcom (formerly Symantec Ghost) | Updated 8/19/2020 |
| E. Malware Protection | Broadcom (formerly Symantec Ghost) | Updated 8/19/2020 |
| | Computer Associates | NNI 8/19/2020 |
| | McAfee | |
| | Microsoft Endpoint Protection | Updated 8/24/16 |
| | Sophos | |

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F. Office Productivity

File Maker Pro

Microsoft Office Suite

Or its components

OpenOffice

G. Printer Management

Papercut MF

Added 11/18/15

Print Manager Plus

H. Terminal Servers

Citrix

Microsoft

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Category: **7. Servers**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|-------------|---|
| 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**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|--|---|
| 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

Yosemite/Novanet NNI 2/14/2018

C. Cloud

Veeam Backup for O365 Added 8/19/2020

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Category: 9. UPS

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|-------------|--|
| | 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. |

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Category: **10. Virtualization**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|-------------------------------|--------------------------------|-------------------|
| A. Desktop Application | Parallel | |
| | VMWare (formely VMWare Fusion) | Updated 8/19/2020 |
| B. Private Cloud | Classlink | |

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Category: *11. Communications Equipment***

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|----------------------------------|--|---|
| A. Routers/Switches | Avaya/Extreme | Formely 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 | Formely 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

LigoWare

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

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|-------------|------------------|
| | Avaya | Updated 11/13/13 |
| | Cisco | |
| | Mitel | Added 8/22/2018 |

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Category: *13. Video Conferencing*

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|------------------------------------|--------------------------------------|--------------------|
| A. Hardware Appliance Based | Cisco Webex (formely 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*

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|--------------------------------------|-----------------|
| | Vmware Vcenter Operations Manager | |

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Category: **15. End Point Management**

| <i>Sub Category</i> | <i>Item</i> | <i>Comments</i> |
|---------------------|--------------------------------------|----------------------------------|
| | Faronics Deep Freeze Cloud Connector | |
| | Impero | Accessible on local network only |
| | JAMF Casper Suite | Added 2/11/15 |
| | Lansweeper | Added 11/16/16 |
| | SCCM | 2012 SP1 and newer |