MXview v3.2.4 Software Release Notes

Applicable Products

Supported Operating Systems

New Features
• Supports device dashboard for the UC2100 Series and DA820c Series that shows the information of the CPU/Memory/Disk.

Enhancements
• Added ICMP device in the ‘Wireless Device Summary’ function.
• Added traps for ICMP reachable and SNMP reachable.

Bugs Fixed
• MDS G4000 SNMP was unreachable.
• MXview could not leave the backup log under path: %MXviewPro_Data%\DB_Backup during
uninstallation process.
• Issues with message queue path-traversal.
• When the value was bigger than '0', the 'Custom Event' did not display normally.
• Sometimes the revision to 'Custom Event' was not successful.

Changes
• The message in 'Event Notification' changed 'Power down' and 'Power up' to 'Power x down' and 'Power x up'. (x = 1 or 2).
• MXview Trap now includes the ICMP reachable and SNMP reachable functions.
• Adjusted the timeout of MXnos switch to three seconds.
• MQTT Port now binds to 127.0.0.1.
• Changed the description in the Re-activate license section.
• Revised 'PRP/Coupling LAN A' and 'PRP/Coupling LAB B' to 'PRP LAN A' and 'PRP LAN B'.

Notes
N/A
Supported Operating Systems

Version: v3.2.2  Build: 21051819
Release Date: May 25, 2021

Applicable Products


Supported Operating Systems


New Features

N/A

Enhancements

- The DATETIME information will be added to reports when they are being exported to a file.
- Port occupancy detection has been added along with a warning mechanism to prevent the service from being unable to start due to port conflicts.

Bugs Fixed

- Some UI strings did not change immediately when the language setting was changed.
- Fixed the issue that caused users to be logged out of MXview when the group severity was changed.
- Fixed the issue that the MAC address of third-party devices could not be detected.

Changes

N/A
Notes
N/A
Applicable Products


Supported Operating Systems


New Features

- Added support for the MXview Wireless add-on module. The first release of MXview Wireless supports the AWK-A Series and the following features: dynamic topology, roaming playback, and device performance charts. Refer to the MXview User Manual for more information.
- Added an option to specify the event severity for the OPC DA interface.
- Added support for SNMP traps from PT-G7828 Series switches.

Enhancements

- SNMP polling settings can now be changed for multiple devices simultaneously.
- Added two additional information fields to the SFP list: SFP model and serial number.
- 10G links incorrectly show as 2147MB.
- The duration of custom events would display as 0 even if the specified event duration was not 0.
- When selecting “acked” (acknowledged) events in the event filter, “unacked” (unacknowledged) events would show instead.
- Added support for the MXview Wireless add-on module. The first release of MXview Wireless supports the AWK-A Series and the following features: dynamic topology, roaming playback, and device performance charts. Refer to the MXview User Manual for more information.
- Added an option to specify the event severity for the OPC DA interface.
- Added support for SNMP traps from PT-G7828 Series switches.
Bugs Fixed

• In Master-Client mode, clients sometimes show as offline after reconnecting to the Master.
• When moving a group of selected devices on the network topology, unselected devices would also be moved.
• The HTTP port is not disabled even though the "Disable HTTP port" checkbox in selected in the control panel (observed in build code 21033115)
• The MXview interface could sometimes not be accessed through HTTPS.(observed in build code 21033115)

Changes

N/A

Notes

• In the future, devices not supported by MXview such as the NPort and MGate Series, will appear as “SNMP Device”. This update is scheduled to release in Q2, 2021.
• Please update the AWK firmware for the completed experience of MXview Wireless.
Applicable Products


Supported Operating Systems


New Features

N/A

Enhancements

- Supports Export all events.
- Supports Export all Syslogs.
- Supports Trap Settings for the EDR-810 Series.
- Supports identifying the exact model (e.g. NPort 5110A) of the following devices instead of displaying them as device series (e.g. NPort 5000A Series).
  - NPort 5110A (V1.6 and later).
  - NPort 5130A (V1.6 and later).
  - NPort 5150A (V1.6 and later).
  - NPort 5150AI-M12 (V1.5 and later).
  - NPort 5210A (V1.6 and later).
  - NPort 5230A (V1.6 and later).
  - NPort 5250A (V1.6 and later).
• NPort 5250AI-M12 (V1.5 and later).
• NPort P5150A (V1.5 and later).
• NPort 5450AI-M12 (V1.5 and later).
• MGate MB3170 (V4.2 and later).
• MGate MB3180 (V2.2 and later).
• MGate MB3270 (V4.2 and later).
• MGate MB3280 (V4.1 and later).
• MGate MB3480 (V3.2 and later).
• MGate MB3660 (V2.5 and later).

**Bugs Fixed**

• Slack/Teams got duplicated notifications when Master-client mode was used.
• MXview would crash if the Webhook of Slack/Teams notification had a URL that was not valid.
• A VPN link up event was incorrectly displayed as link down.
• The text “Enable Broadcast storm protection” changed to “Enable DDoS protection” for EDR devices.
• The Client might fail to reconnect to a master in Master-client mode due to an issue with authentication.
• The License status could not be retrieved normally.
• An empty image file would be exported when using Firefox.
• The device configurations failed to export if the password contained “+”.
• When a wireless client joins or leaves the network, the wrong MAC address will be displayed in the SNMP trap notification.

**Changes**

N/A

**Notes**

• The OS must be 64-bit.
• Windows 7 SP1 is required to run MXview software.
• The following browsers/versions are supported: Chrome version 76, Firefox version 69, and Microsoft Edge version 79.
• Unsupported NPort and MGate devices became “SNMP Device”. This is scheduled to be updated in 2021 Q2.
Applicable Products

- AWK-1121 Series
- AWK-1127 Series
- AWK-1131A Series
- AWK-1137C Series
- AWK-3121 Series
- AWK-3131 Series
- AWK-3131A RTG Series
- AWK-4121 Series
- AWK-4131 Series
- EDR-G903 Series
- EDR-G902 Series
- EDR-810 Series
- EDS-405A-EIP
- EDS-405A-EIP-T
- EDS-405A-PN
- EDS-405A-PN-T
- EDS-405A-PTP
- EDS-405A-PTP-T
- EDS-408A-EIP
- EDS-408A-EIP-T
- EDS-408A-PN
- EDS-408A-PN-T
- EDS-505A Series
- EDS-508A Series
- EDS-516A Series
- EDS-510A Series
- EDS-510E Series
- EDS-518 Series
- EDS-528E Series
- EDS-G508E Series
- EDS-G512E Series
- EDS-G516E Series
- EDS-608 Series
- EDS-611 Series
- EDS-616 Series
- EDS-619 Series
- EDS-728 Series
- EDS-828 Series
- EDS-G509 Series
- EDS-P510 Series
- EDS-P510A Series
- EDS-P506A-4PoE
- EDS-P506E Series
- EOM-104 Series
- ICS-G7526/ICS-G7528 Series
- ICS-G7826/ICS-G7828 Series
- ICS-G7748/ICS-G7750/ICS-G7752 Series
- ICS-G7848/ICS-G7850/ICS-G7852 Series
- ICS-G7526A Series
- ICS-G7528A Series
- ICS-G7826A Series
- ICS-G7828A Series
- ICS-G7750A Series
- ICS-G7752A Series
- ICS-G7848A Series
- ICS-G7850A Series
- ICS-G7852A Series
- IEX-402 Series
- IKS-6726 Series
- IKS-6728/8PoE Series
- IKS-6524/6526 Series
- IKS-G6524 Series
- IKS-G6824 Series
- IKS-6726A Series
- IKS-6728A Series
- IKS-G6524A Series
- IKS-G6824A Series
- ioLogik E2200 Series
- ioLogik W5312 Series
- ioLogik W5340 Series
- MGate MB3170/MB3270 Series
- MGate MB3180
- MGate MB3270
- MGate MB3280
- MGate MB3480
- MGate MB3660 Series
- MGate EIP3170
- MGate EIP3270
- MGate 5101-PBM-MN Series
- MGate 5102-PBM-PN Series
- MGate 5105-MB-EIP Series
- MGate 5109 Series
- MGate 5114 Series
- MGate 5118 Series
- MGate W5108/W5208 Series
- NPort S8455I
- NPort S8455i-T
- NPort S8458-4S-SC-T
- NPort 5100 Series
- NPort 5200 Series
- NPort 5410
- NPort 5430
- NPort 5450
- NPort 5450-T
- NPort 5610-8-DT
- NPort 5650-8-DT
- NPort 5600 Series
- NPort 5610-8-DTL
- NPort 5650-8-DTL
- NPort 5100 Series
- NPort 5200 Series
- NPort IA5150
- NPort IA5250
- NPort IA5150A
- NPort IA5250A
- NPort IA5450A
- NPort 6150
- NPort 6250
- NPort 6400/6600 Series
- NPort 5000AI-M12 Series
- PT-7528 Series
- PT-7710 Series
- PT-7728 Series
- PT-7828 Series
- PT-G7509 Series
- PT-508 Series
- PT-510 Series
- PT-G503 Series
- PT-G7728 Series
- PT-G7828 Series
- TAP-213 Series
- TAP-323 Series
- TAP-6226 Series
- TN-4500A Series
- TN-G4500 Series
- TN-G6500 Series
- TN-5508 Series
- TN-5510 Series
- TN-5516 Series
- TN-5518 Series
- TN-5508-4PoE Series
- TN-5516-8PoE Series
- VPort-26A-1MP Series
- VPort-36-1MP Series
- VPort-P06-1MP-M12 Series
- WAC-1001 Series
- WAC-2004 Series

Supported Operating Systems

- Windows 10
- Windows 7
- Windows Server 2012 R2
- Windows Server 2016

New Features

- Supports IE11.
- Can generate reports in Security View.
- Supports group icon customization.
- Supports notifications to Slack and Microsoft Teams.
- Information list about the SFP links.
- Warning thresholds for SFP parameters.
- Can log in to MXview through Tacacs+ (ASCII, PAP).

Enhancements

- Can modify the size, location, color, and saturation for the Group Background.
- An administrator no longer needs to know another user’s password to modify the user’s settings.
- Supports different levels of table height (default, medium, and dense).
- If a device responds to MXview, MXview will stop pinging it to reduce packet flow on the network.

Bugs Fixed

- Syslog did not order correctly.
• The memory leaked when polling devices used SNMPv3.
• The Group Name field could not be modified if multiple identically named groups reside in a parent group.
• The user password was changed when the SNMP Settings were modified in Preferences.
• Recent events were displayed in the Web Widget even when a user only selected Topology.
• The SNMP polling interval was not able to be modified.
• The EDR redundancy display was inaccurate.

Changes
N/A

Notes
• The OS must be 64-bit.
• Windows 7 SP1 is required to run MXview software.
• The following browsers/versions are supported: Chrome version 76, Firefox version 69, and Microsoft Edge version 79.
Supported Operating Systems

New Features
N/A

Enhancements
- Supports connection of a single client site to multiple master sites.
- Supports generation of USERCODE using a wireless network adapter for the registration process.
- Supports opening Internet Explorer as the Web Console via Firefox or Chrome.
- Supports adjustable column size on the ‘Inventory Report’ page.
- Supports a larger icon for core switches.
- The Scan Range table can now be sorted in numerical order.

Bugs Fixed
- Duplicated ‘<’ and ‘>’ might happen on the alias of a customized device.
- MXview might be displayed abnormally when the size of the window shrinks and then expands.
- The MXview server might crash while loading config files in the Configuration Center.
- A malfunction might happen while exporting config files in the Configuration Center.
- The Job Scheduler only exported one config file.
- The PoE information was not always shown on the topology.
• For the French version, the Job Scheduler displayed the weekdays incorrectly.
• Unable to configure the SNMP settings on the Preferences page.

Changes
N/A

Notes
• The OS must be 64-bit.
• Windows 7 SP1 is required to run MXview software.
• The following browsers/versions are supported: Chrome version 76, Firefox version 69, and Microsoft Edge version 79.
**Supported Operating Systems**


**Applicable Products**


**New Features**

N/A

**Enhancements**

- Redesigned Traffic View (weathermap-style).
- Supports traffic display between Group and Device links.
- Supports user-defined descriptions in email notifications.
- Supports "Strict Verification Mode" (for Auto Topology) to eliminate incorrect links when Port Mirroring is enabled.

**Bugs Fixed**

- Cisco N3K often malfunctioned due to a very large index in the ifTable.
- The Start Trial dialog box still appeared after the trial period had expired.
- The event description for Port ID in PoE events was incorrect.
- Event Highlight under Dashboard was empty if the Master and Client were in different time zones.
- Cross group links did not display on the topology page.
• There was an incorrect syslog facility in the filter function.

Changes
N/A

Notes
• The OS must be 64-bit.
• Windows 7 SP1 is required to run MXview software.
• The following browsers/versions are supported: Chrome version 76, Firefox version 69, and Microsoft Edge version 79.
**Supported Operating Systems**

- Better user experience for those who use a screen resolution of 1024 x 768.
- Display hybrid VLAN on both VLAN Visualization and VLAN Report.
- Added a column “Port Name” under the “Device Property” panel.
- The process for license management, including registration/activation/deactivation, has been improved. Please refer to the user manual and FAQ for more details.
- The registration wizard has been revised.
- The guiding message for the license file importing process has been enhanced.
- The User Code will no longer change every time the user closes and then reopens the browser to prevent users from getting confused.

**Applicable Products**


**New Features**

- Supports SNMPv3 AES encryption.
- Supports SNMPv3 trap.
- Added firmware version to inventory report.
- Added language selection for all users.
- All events can be acked at once.

**Enhancements**

- Better user experience for those who use a screen resolution of 1024 x 768.
- Display hybrid VLAN on both VLAN Visualization and VLAN Report.
- Added a column “Port Name” under the “Device Property” panel.
- The process for license management, including registration/activation/deactivation, has been improved. Please refer to the user manual and FAQ for more details.
- The registration wizard has been revised.
- The guiding message for the license file importing process has been enhanced.
- The User Code will no longer change every time the user closes and then reopens the browser to prevent users from getting confused.
**Bugs Fixed**

- Custom device icon backup in DB backup have been fixed. Note: it does not work on DB restore tool for V3.0 -> V3.1 upgrade.
- MXview's Security View is now back to normal functionality on the EDR-810 Series.
- The Configuration Import/Export did not have any functionality.
- The topology was unable to be exported.
- The PoE link was displayed with the wrong color.

**Changes**

N/A

**Notes**

- OS must be 64-bit version.
- Windows 7 SP1 is required to run MXview software.
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Interface to monitor up to 10 MXview sites.
• RESTful API of MXview.
• URL/iframe to integrate MXview topology into other applications.
• Dashboard that allows the network status to be viewed at a glance.
• Add 60-day free trial when MXview 3.0 is first activated.
• Add interface languages: Japanese, German, and French.
• The status of the current event can be viewed in the device property tag.

Enhancements
N/A

Bugs Fixed
N/A

Changes
• New User Interface based on HTML5.
• Modified the license registration process.
• IGMP Visualization and SMS notifications were removed.
• The OID import manager, MXconfig, N-Snap, Demo mode needed to be activated separately.

Notes
N/A
Applicable Products
MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500, MXview Upgrade-50

Supported Operating Systems

New Features
- Customized name for port label.
- Inventory report can export to PDF or CSV file.
- Support the PRP/HSR topology on PT-7728-PTP.
- The old version database can be upgrade to the current version and restore.
- Following models supported: MGate 5103, MGate 5111, AWK-1137C, TAP-213, PT-G7728/G7828, EDS-P506E.
- Security view supported in the following model, EDR-G902/G903 (with firmware after v4.2), EDR-810 (with firmware after v4.2), MGate-5118, MGate 5101 - PBM-MN, MGate 5103, MGate 5109, MGate W5108, MGate W5208.

Enhancements
- The ICMP and SNMP polling interval value does not change after restarting MXview.
- An unexpected large packet could potentially crash the MXview Server.
- Remote users can read the randomly generated private key for MXview’s self-signed certification.
- PT-7528 hardware version 2.0 could not be viewed.
- Set SNMPv3 auth type at add device, only SHA will be activated event choose MD5 or SHA.

Bugs Fixed
- Modify the scenario of the virtual demo.

Changes
- Icon, topology, background image and the document of device remains after MXview is upgraded.
- Prevent non-privileged local users executing arbitrary code with elevated privileged on the system.
- HTTPS certificates will not show under web folder.
- RSA keys of SSL certificate increase from 1024 to 2048 bits.

Notes
N/A
### Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

### Supported Operating Systems

### New Features
- Dynamic wireless dashboard for AWK-A Series.
- Support Windows 10 & server 2012 R2 (32/64-bit).

### Enhancements
N/A

### Bugs Fixed
- Fixed the login issue of DB Restore Tool.
- When MXview is reactivated, the SNMPv3 connection between MXview and the network device will occasionally be lost.
- When the SNMPv3 configuration is active, the process might hang during the MXview discovery process.

### Changes
N/A

### Notes
N/A
<table>
<thead>
<tr>
<th>Version: v2.7</th>
<th>Build: Build_16020317_Trial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Date: N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Applicable Products**
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

**Supported Operating Systems**

**New Features**
- Built-in MXview client.
- Multiple user-defined accounts.
- Security notifications and visualization.

**Enhancements**
N/A

**Bugs Fixed**
N/A

**Changes**
N/A

**Notes**
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Visualization for PT-G503 PRP/HSR Redundant Box.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Supports virtual demo network.
• Supports traffic load visualization.
• Supports VPN tunnel visualization.
• Supports Syslog server.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Generate custom events and notifications.
• Generate custom OPC tags.
• Export, import, copy, and paste device list.
• Built-in browser.
• Supports Windows 8 and Windows Server 2012.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Supports new SNMP agent function.
• Supports new OPC tag of Health status of group.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
**Applicable Products**
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

**Supported Operating Systems**

**New Features**
- PoE Power consumption visualization.
- Generate trend graphs to track bandwidth utilization and error packet rate statistics, which is accurate to four decimal points.
- Device availability monitoring.
- Supports third-party devices with MIB compiler and MIB browser.
- Generates an inventory report for each device in the network.
- Maintains device availability reports and records for up to 90 days.
- Compiles comprehensive device properties reports.
- Supports IE 6/8/9, Chrome 19, and Firefox 12.

**Enhancements**
N/A

**Bugs Fixed**
- Fixed event playback time synchronizing bug while using daylight-saving time.

**Changes**
N/A

**Notes**
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-2000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
- 2,000 nodes supported.
- Virtual device panel.
- Group visualization of VLAN and IGMP snooping.
- Enhanced event playback interface.
- Auto topology for end devices in the same subnet with MXview server.
- Convenient device icon alignment tool.
- New topology style and auto ring layout algorithm.
- Core switches supported.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-1000, MXview-250, MXview-50, MXview-500

Supported Operating Systems

New Features
• Network Event Playback.
• 1-click mass operation of configuration and firmware.
• Scheduling for routinely config backup.
• Change history of configuration.
• Comparison tool of two configuration files.
• Grouping (multi-layer topology map).
• NPort S8000 supported.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A
**Applicable Products**
MXview Upgrade-50, MXview-100, MXview-1000, MXview-250, MXview-50, MXview-500

**Supported Operating Systems**

**New Features**
- 1,000 nodes supported.
- Grouping (2-layer topology map).
- OPC 2.0-compliant.
- Windows 7 and Server 2008 supported.
- Device icons changeable.
- Guest account.
- SNMP Inform server.
- Auto startup (Windows service).
- AWK 3121 and AWK4121 supported.

**Enhancements**
- UI enhancement.

**Bugs Fixed**
N/A

**Changes**
N/A

**Notes**
N/A
Applicable Products
MXview Upgrade-50, MXview-100, MXview-250, MXview-50, MXview-500

Supported Operating Systems
Windows Server 2003, Windows XP

New Features
- Auto Topology (for LLDP devices).
- Visualize Turbo Ring/Chain and port trunking.
- Added SNMP trap as another way to collect events.
- Notify users of events with SMS.
- Notify local users of events with sounds and external programs.
- More map operations, such as zoom or background image.
- Comprehensive event history.
- Export/import the system configurations.
- Supports up to 20 nodes.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A