Markvision Enterprise (MVE) Release Notes (4.2)

New and Noteworthy

- Addition of Enrollment over Secure Transport (EST) protocol as defined in RFC 7030
- Addition of Microsoft CA Server Enterprise Support (MSCEWS), with support for multiple templates
- Addition of a Security Dashboard that shows device security information
- Auto-assign keywords during discovery
- Support for email over SSL/TLS
- Support for Windows Server 2022
- Additional device support.
- Addressed CVE-2022-34169

Bug Fixes

- Remove Anonymous bind from LDAP settings.
- Update Tomcat Security headers.
- Certificate default options added.
- When SNMP V3 is disabled, MVE cannot use Deploy File to Printer to send VCC settings
- Incorrect protocols used on Claiborne Printers when calling collect current status.
- Saved Search criteria NNN or equal to causes 500 internal server error.
- Error in pop-up dialogue when user tries to save a configuration containing errors.
- Firmware imported into library for some printers fails to verify version when enforcing.
- LDAP settings don't support alternate Username formats consistently.
- Fixed Saved Search Firmware rule.
- Conformance check always fails for SNMP V1,2c Enabled on ALL Winner's Circle devices.
- MVE aborts install at call to mveService.bat "The syntax of the command is incorrect."
- Disable "SMTP server not set up" error -- setting is not defined in MVE configurations
- Clear link for facets doesn't work -- seems to do nothing
- Disable shutdown port for Tomcat's Server node.
- Exported configuration with Remote Operator Panel VNC Password setting leaks real password.
- GFD file uploads are not sanitized if "bad" extension is upper case.
- User is able to audit and clone from secured printers without establishing any secure connection from MVE.
- "Create Advanced Security Component from Printer" menu item was grayed out.
- Default login method is not properly supported for some printers.
- Custom view with HOSTNAME as identifier prevents creation of advanced security component

Known Issues

- Some versions of firmware for printers with fax support released after 2016 will remove the Fax Security Function Access Control and permissions if the Fax Mode is set to disabled and the printer

is restarted. This can cause enforcement or conformance checks for configurations with the Fax FAC enabled to fail.

- o Firmware fixes for this issue are available in 073.245 or higher.
- For some versions of firmware for printers with fax support released after 2016, the Fax settings cannot be cloned. This will be fixed in the 7.5 version of firmware. Meanwhile fax settings can be manually edited and enforced.
- The SNMP V3 setting "Context Name" is not supported in any configuration. If a string is added to set the Context Name in the printer's web page, this will cause MVE to fail nearly all management operations due to a limitation in how firmware creates the USM user when MVE tries to enroll with the device.
- Variable settings files cannot be deleted directly from the list shown in the UI. De-select references to the settings file, then remove the settings file from the file system of the server hosting MVE.
- Configurations for some models include both a Quality: Print Darkness setting and a Toner Darkness and Color Saver setting. If not setup properly, these values will conflict, and conformance checks will fail.
- Changing the NTP server setting does not immediately update the time on the printer. In some cases, a restart of the printer may be required.
- Licenses are not included in configuration exports.
- MVE doesn't support adding applications with trial licenses to the resource library.
- When LDAP is enabled for authentication with *Binding type* set to *Kerberos* and *Authentication Type* set to *Kerberos authentication:*
  - o attempts to login to MVE with a valid user that does not have MVE permission will NOT result in a User Log entry.
  - o if the client machine does not include the MVE server in its *Local intranet* zone then an attempt to access MVE will result in a login page that will not allow the user to login.
- An Advanced Security Component containing a network account with LDAP setup is not supported for B3340, B3442, MS331, MS431, MB3442, MX331, MX431, MB3442, MX331, MX431, C3426, CS431.
- In Automated Certificate Management, automated CRL management for Microsoft CA Enterprise is not supported when using SCEP.
- Importing versions of Downloadable Emulation (e.g., IPDS, Prescribe, FMBC, etc.) firmware prior to EC 7.2 version 0.30 to the resource library will cause an exception when trying to list available firmware for use in a configuration. This exception prevents any firmware from being selected for use in a configuration until the offending Firmware is removed.
- For Microsoft Certificate Authority server using the SCEP, the challenge password is not supported. Recommendation is to use Microsoft Certificate Enrollment Web Service.
- HTTPS is not supported in Automated Certificate Management using SCEP protocol.
- Conformance checks fail for MS810 when apps are added as part of a configuration.
- Enforcement can fail if there are certain eSF apps on the printer. Increasing the timeout and/or retry conditions may help mitigate this problem. Edit the {$INSTALL_DIR}\apps\dm-mve\web-inf\classes\transportParameter.properties file and add the values:
  - o npa.offline_mode.retries = 5

- o npa.online_offline_polling_interval = 5000 (value in ms) [increase this value in increments of 1000, (i.e., 5 seconds = 5000)]
- Some tasks might appear to get stuck at 99% although the task is actually complete. A restart of the MVE service will resolve this.
- When executing MVE as a run-as domain user, passwords containing some combination of **"** (double quote) , **< >** (angle brackets) might fail.

Browser Quirks

- At times IE11 will prevent users from downloading files from MVE. In these cases, you may need to enable file downloads in your security settings.
- Safari doesn't support the task badge showing the number of running tasks on the server
- When editing a view in IE11 any column added to the view remains in the possible columns list.