Markvision Enterprise (MVE) Release Notes (4.3)

New and Noteworthy

- Added SSO support with ADFS using SAML authentication.
- Consumed Log4J v2.19
- Added configuration in properties file to toggle hide/show of dashboard.
- Added additional debug logs for EST and ADFS paths.

Bug Fixes

- Discovery Profile with assigned keyword will not be saved on edit
- Using the "Generate printer certificate signing requests" and the " Download printer certificate download requests" the contents of the CSR has some data appended
- Configuration leaks password in clear text for Security IPSEC Keys 1-5
- Multiple reports of failed STARTTLS when sending secure e-mail from scheduled view export
- MVE - uploading firmware to the resource library retains original copy in the system temp directory
- Configuration with Fax Station Name has problem with extended characters.
- [Missing Settings] - Power Management settings
- [Missing Settings] Claiborne configurations missing settings
- MVE doesn't populate ${alert.location} placeholder
- Supply Notification Behavior settings listed as not supported on all pre-Claiborne printers

Known Issues

- In case of Upgrade Scenario (only) Supply Notification Behavior settings have undergone certain changes:
  - Configurations before 4.3.0 containing Supply Notification settings should be checked for Conformance once after the upgrade regardless of the Conformance state.
  - Strings "End of Life" & "Near End of Life" in brackets have been added to represent "Replace" & "Very Low Behavior" respectively as applicable for Pre-Claiborne and Claiborne devices.
- MCEWS Certificate management will fail if the CA Server Hostname field is populated with a value that is not set as the CN of the CA Server's certificate. In most cases, the CN is changed from the default value of the server's hostname.
- For printers released prior to 2016, the configuration settings for disk wiping do not function.
- For Standard USB Buffer setting, Auto (Value = 2) cannot be set and enforced from MVE configuration. The checkbox (Best for Content) corresponds to Disable or Off in printers.
- MVE ADFS login will still be active till the session is active even if the ADFS user logs out of his AD account
- 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.
  - 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 filesystem 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 set up 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:
  - attempts to login to MVE with a valid user that does not have MVE permission will NOT result in a User Log entry.
  - 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\webinf\classes\transportParameter.properties file and add the values:
  - npa.offline_mode.retries = 5
  - 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 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.

- In some cases when upgrading to 4.2 or 4.3, if keywords are assigned to printers, attempts to delete a keyword can cause a "500 internal server error". To work around this problem, delete and re-create any existing discovery profiles after upgrading. This problem will be resolved in an upcoming release.
- The system provided Printer List View appears in the Views list but is not directly selectable in the main Printers UI. It can be selected for data export and can be copied to a new user created view.
- Sorting a custom view that contains Tray n columns may cause a "500 internal server" error when clicking on the Tray n header to sort the data.

Browser Quirks
- Safari doesn't support the task badge showing the number of running tasks on the server