

## Markvision Enterprise (MVE) Release Notes (4.7.0)

### New and Noteworthy

1. Added new model support for Xerox(R) C240 Color Printer, Xerox(R) C245 Color MFP, Xerox(R) C255a Color MFP, Xerox(R) C300 Color Printer, Xerox(R) C2432 Color Printer, Xerox(R) C303a Color MFP, Xerox(R) C305ae Color MFP, Xerox(R) XC2432 Color MFP, Xerox(R) ZC364 Color MFP.
2. Added new model support for Lexmark MX951, Lexmark CX952, Lexmark CX953, Lexmark XC2342, Lexmark M3346, Lexmark XM3346, Lexmark XM3146
3. Added support for Microsoft SQL Server 2022
4. Firebird® (built-in) database version updated to 5.0.4.1812
5. Added support for the following settings:
  - a. Advanced Copy settings: Background Removal, Background Detection and Saturation.
  - b. Scheduled Day and Scheduled Time for Scheduling Firmware Auto Update
  - c. Authentication Hash (SHA2) and Privacy Algorithm (AES-256) for SNMPv3
  - d. FOIP (Fax over IP) settings.
6. Component and library updates, including, but not limited to the following:
  - Apache Tomcat v11.0.22
  - Spring Framework v6.2.19
  - Spring Security v6.5.11
  - SpringBoot v3.5.15
  - Hibernate 6.6.18.Final
  - Firebird® (built-in) database version v5.0.4.1812
  - MSSQL JDBC Driver v13.3.1.jre11
  - Liquibase v4.31.1
  - Zulu Open JDK v17.0.19
  - Log4j v2.26.0

### Bug Fixes

1. Statement paper size shown as inapplicable value during enforcement for Tray 3 even if support by the source.
2. Resolved security problems caused by insecure file permissions that occur when MVE is installed in a custom installation path, as identified by Lexmark's Internal Security testing.

3. Enhanced device discovery performance, significantly lowering CPU usage consumption during the process, especially in scenarios involving numerous subnets and many keywords.
4. Resolved issue with Firmware updates not getting deployed for printers released in 2012 and 2014.
5. Addressed issue with Firmware deployment failure when FW is updated to newer 230.5xx firmware levels, already having older 230.5xx firmware level.
6. Addressed Firmware Update Failure in MVE - "INVALID\_FIRMWARE" Error When Updating from 250.217 to latest FW 250.237

### **Known Issues**

1. Sorting doesn't work properly on Firmware Version.
2. When using the Firebird DB and upgrading from MVE 4.3.x or MVE 4.4.x to MVE 4.6 it is required to upgrade to MVE 4.5.1 first, to avoid any upgrade issues.
3. For automated certificate management with MSCEWS protocol, the user must create and publish a certificate template with a certificate recipient version 3 or lower. Templates with version 4 or higher will not work due to a limitation in Microsoft CEP server design.
4. Certificate defaults settings are not supported for printers released prior to 2016.
5. Certificate Authority goes into invalid state after MVE upgrade. Workaround is to click on save changes and validate in the MVE System Configuration.
6. Known issues related to Conformance/Enforcement
  - a. A communication error will occur if a conformance/enforcement operation is run with Configuration that includes the disk encryption setting selected, but the device(s) does not include a hard disk. This affects devices released in 2010.
  - b. When conducting a conformance check for a configuration that includes the deployment of a no-app license bundle and results an Out of Conformance status, no Out of Conformance table appears. The enforcement operation works properly.
7. For the MSCEWS protocol, Certificate Authority configuration fails if "Use Kerberos only" is selected under "Trust this user for delegation to specified services only". If "Use any authentication protocol" is used, the Certificate Authority configuration succeeds. This setting is in the CES service account properties within Active Directory.
8. Enforcing a Configuration that includes an Advanced Security Component can change the order of the saved authentication mechanisms.
9. If an Advanced Security Component is cloned from a current small workgroup device, this template will show in the "full account-based authentication" list apart from showing in the "partial account-based authentication" list. If this template is

selected from the full account-based authentication list, it will not be applied to a small workgroup device.

10. MVE silent installer does not support using serviceRunAsUsername; it only supports LOCAL SYSTEM.
11. If the SNMPv3 passwords are modified on the device, the MVE discovery profile will need to be updated, and the associated devices will need to be deleted and rediscovered in MVE.
12. Any changes to the SNMPv3 form will require the reentry of the SNMPv3 passwords.
13. When creating a discovery profile after generating a view for a device conformance check, the side bar links may not work correctly, and scrolling the page may cause the window to flicker. The workaround is to clear the browser cache.
14. While exporting FW24 (mega firmware files) from MVE may take longer time to complete the task depending upon the exported file size which can be around 50GB (Ex. MXTGM.240.229 which supports more than 30 models). The workaround is to add the firmware file to the resource library.
15. Audit task with SNMPv3 protocol will fail on FW 22.1. This is a firmware issue. The FW recommendation is to update to FW 23 (230.408) or FW 24 (240.207) which are the iEC web releases and include the fix for this issue.
16. If the "mve\_encryption.jceks" file is moved to a custom location, the MVE upgrade process will fail. The workaround is to copy the encryption file to the default location, /Lexmark/mve\_encryption.jceks.
17. When using ADFS as the authentication mechanism for MVE, if MVE is being accessed via its hostname, it uses the IP address for the redirection URLs in the SAML ticket.
18. When using ADFS to login to MVE, the public certificate won't get downloaded if MVE's truststore file (Ex. Mve\_truststore.p12) does not reside in the \Lexmark folder.
19. If a configuration is created and enforced to update both the PCL Font Name and Font Pitch on devices, the Font Pitch is successfully updated, but the Font Name remains unchanged on the device despite MVE reporting the task as successful and the device as "In Conformance".

### **Browser Quirks**

Safari doesn't support the task badge showing the number of running tasks on the server.