CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR

Lexmark X646dte (firmware revision LC2.MC.P239b), X646e (firmware revision LC2.MC.P239b), X646ef (firmware revision LC2.TI.P239b), X772e (firmware revision LC2.TR.P275), X850e (firmware revision LC2.BE.P238b), X852e (firmware revision LC2.BE.P238b), X854e (firmware revision LC2.BE.P238b), X940e (firmware revision LC.BR.P060) and X945e (firmware revision LC.BR.P060) Multifunction Printers (MFPs)

Maintenance Report Number: CCEVS-VR-07-0060b

Date of Activity: 02 December 2008

References: Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004;

"Lexmark X646dte (firmware revision LC2.MC.P239b), X646e (firmware revision LC2.MC.P239b), X646ef (firmware revision LC2.TI.P239b), X772e (firmware revision LC2.TR.P275), X850e (firmware revision LC2.BE.P238b), X852e (firmware revision LC2.BE.P238b), X854e (firmware revision LC2.BE.P238b), X940e (firmware revision LC.BR.P060) and X945e (firmware revision LC.BR.P060) Multifunction Printers (MFPs) Impact Assessment Report", Document No. F8-1008-001, dated 18 November 2008

Documentation Updated:

Developer evidence was not updated or modified because the original evaluation did not have any SFR's associated with the RFID functionality. Additional technical information provided included an RFID Supplement, FCC – OET Form 731 Grant of Equipment Authorization, and Test Report No. 2-3252-01-03/03

Assurance Continuity Maintenance Report:

The vendor for the Lexmark X646dte (firmware revision LC2.MC.P239b), X646e (firmware revision LC2.MC.P239b), X646ef (firmware revision LC2.TI.P239b), X772e (firmware revision LC2.TR.P275), X850e (firmware revision LC2.BE.P238b), X852e (firmware revision LC2.BE.P238b), X854e (firmware revision LC2.BE.P238b), X940e (firmware revision LC.BR.P060) and X945e (firmware revision LC.BR.P060) Multifunction Printers (MFPs), Lexmark, Inc., submitted an Impact Analysis Report (IAR) to CCEVS for approval on 18 November 2008. The IAR is intended to satisfy requirements outlined in Common Criteria document CCIMB-2004-02-009, "Assurance Continuity: CCRA Requirements", version 1.0, February 2004. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

Changes to TOE:

In addition to the features and interfaces described in the initial evaluation, the TOE contains an RFID module that is used to read and write information about toner consumption and identification information about the toner cartridge. This feature existed in the initially evaluated version of the product; however it was neither disclosed nor documented, and thus was not considered during the original vulnerability assessment.

The CCTL performed vulnerability analysis and testing to verify there is no connection between the TOE's firmware and the RFID module, nor is there any connection between the RFID module and user data that could be used to leak user information via the RFID interface and emanations.

Conclusion:

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CCEVS reviewed the description of the changes and the analysis of the impact upon security, and found it to be minor. Therefore, CCEVS agrees that the original assurance is maintained for the above-cited version of the product.