Maintenance Report

Xerox WorkCentre™ 7525/7530/7535/7545/7556

Issued by:

Communications Security Establishment Canada

Certification Body

Canadian Common Criteria Evaluation and Certification Scheme

1   Introduction

Xerox Corporation has submitted (via CSC Security Testing and Certification Laboratories) the Impact Analysis Report (IAR) for Xerox WorkCentre™ 7525/7530/7535/7545/7556 (hereafter referred to as Xerox WorkCentre), satisfying the requirements outlined in Assurance Continuity: CCRA Requirements, v2.1, June 2012. In accordance with those requirements, the IAR describes the changes implemented in Xerox WorkCentre, (the maintained Target of Evaluation), the evidence updated as a result of the changes and the security impact of the changes.

2   Description of changes in the Maintained Target of Evaluation

The following characterizes the changes implemented in Xerox WorkCentre. For each change, it was verified that there were no required changes to the security functional requirements in the ST, and thorough functional and regression testing was conducted by the developer to ensure that the assurance in the Target of Evaluation (TOE) was maintained.

The changes in Xerox WorkCentre comprise a software update, applied in the form of a patch to address a JBIG2 image compression fault that in some circumstances resulted in scanned images being incorrectly reproduced. JBIG2 allows for 'lossy' and 'lossless' modes of operation. The code change configures the JBIG2 XIPS plug-in to use the 'lossless' mode and adds a new SNMP MIB OID to validate the change has been successful.

This change is delivered as a patch for the network controller, LLWC75xxV1_.dlm, which will update the network controller firmware version from 061.121.25025 to 061.121.25025.LL

3   Description of Changes to the IT Environment

There were no changes to the underlying IT environment.

4   Affected developer evidence

Modifications to the product necessitated changes to a subset of the developer evidence that was previously submitted for the TOE. The set of affected developer evidence was identified in the IAR.

Modifications to the security target were made to reflect the new product versions.

5   Conclusions

The maintained TOE was patched to address a JBIG2 image compression fault. Through functional and regression testing of Xerox WorkCentre, assurance gained in the original TOE certification was maintained. As all of the changes to the maintained TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance continuity and re-evaluation is not required.

6   References

- Assurance Continuity: CCRA Requirements, v2.1, June 2012.

- CCS Guide #6, Technical Oversight for Assurance Continuity of a Certified TOE, v1.6, May 2011.

- Certification Report, EAL 2 Evaluation of Xerox WorkCentre™, 7525/7530/7535/7545/7556, 383-4-201-CR, v1.0

- Xerox WorkCentre™ 7525/7530/7535/7545/7556 Security Target v2.0, November 2013