Assurance Continuity Maintenance Report

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Changed TOE

Application date/ID	March 30, 2005 (ITM-5004)
Certification No.	C0010
Sponsor	Canon Inc.
Name of TOE / Version of TOE	EOS-1D Mark II firmware Ver.1.2.1A
	EOS-1Ds Mark II firmware Ver.1.1.1A
Conformed Claim	EAL2 + ALC_DVS.1
TOE Developer	Canon Inc.

This is to report that the result of assurance continuity for the above changed TOE is as follows.

April 27, 2005

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Evaluation Criteria, etc.: The changed TOE is verified for assurance continuity in accordance with the provision of the "General Requirements for Sponsors and Registrants of IT Security Certification" and "Requirements for Assurance Continuity in IT Security Certification".

- Common Criteria for Information Technology Security Evaluation Version 2.1 (ISO/IEC 15408)
- Common Methodology for Information Technology Security Evaluation Version 1.0
- CCIMB Interpretations (as of 15 February 2002)

Certification Result: Pass

"EOS-1D Mark II firmware Ver.1.2.1A / EOS-1Ds Mark II firmware Ver.1.1.1A" (the changed TOE) has been verified in accordance with the provision of the "General Rules for IT Product Security Certification" by Information-Technology, Promotion Agency, Japan, and has confirmed the assurance continuity as the maintained TOE.

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1. Executive Summary

1.1 Introduction

This Assurance Continuity Maintenance Report describes the certification result in relation to the assurance continuity for changed "EOS-1D Mark II firmware Ver.1.2.1A / EOS-1Ds Mark II firmware Ver.1.1.1A (hereinafter referred to as "the changed TOE")" to the Certified TOE "EOS-1D Mark II firmware Ver.1.0.1 (hereinafter referred to as "the certified TOE")", and it report to sponsor, Canon Inc..

The reader of the Assurance Continuity Maintenance Report is advised to read the following Certification Report, ST for the certified TOE and manual attached to the changed TOE (please refer to "1.4.3. Documents attached to the changed TOE" for further details) together with this report. The assumed environment, corresponding security objectives, security functional and assurance requirements needed for its implementation and their summary specifications are specifically described in the ST of certified TOE. The operational conditions and functional specifications are also described in the document attached to the changed TOE.

Note that the Assurance Continuity Maintenance Report presents the certification result in relation to assurance continuity which will give the changed TOE the same assurance level given to the certified TOE, and does not certify individual IT product itself.

1.2 Identification of Assurance Continuity

1.2.1 Identification of the Changed TOE

The changed TOE which this assurance continuity applies is as follows:

Name of TOE / Version of TOE: EOS-1D Mark II firmware Ver.1.2.1A
                                EOS-1Ds Mark II firmware Ver.1.1.1A
Developer: Canon Inc.

1.2.2 Identification of the Certified TOE

The certified TOE of this assurance continuity is as follows:

Certification No.:   C0010
Name of TOE / Version of TOE: EOS-1D Mark II firmware Ver.1.0.1
Developer: Canon Inc.
Conformed Claim: EAL2 + ALC_DVS.1

1.2.3 ST Identification of the Certified TOE

The ST of certified TOE of this assurance continuity is as follows:

Title:	EOS-1D Mark II firmware Security Target
Version:	1.8
Publication date:	June 30, 2004
Author:	Canon Inc.

1.2.4 Identification of the Certification Report of Certified TOE

The certification report of certified TOE of this assurance continuity is as follows:

Name of TOE / Version of TOE:	EOS-1D Mark II firmware Ver.1.0.1
Application ID:	ITC-4023
Publication date:	July 21, 2004
Author:	Information Security Certification Office, IT Security Center Information-Technology Promotion Agency, Japan

1.3 Certificate of Assurance Continuity

Based on IT Security Evaluation/Certification Program operated by the Certification Body, the Certification Body verifies the Impact Analysis Report[5] (hereinafter referred to as "IAR") prepared by developer and confirmed that assurance will be maintained against the changed TOE in accordance with those publicized documents such as "IT Security Evaluation and Certification Scheme"[1], "Guidance for IT Security Certification Application, etc."[2], "General Requirements for Sponsors and Registrants of IT Security Certification"[3], "Requirements for Assurance Continuity in IT Security Certification"[4]. A Problem found in certification process was prepared as certification review, which was sent to the developer. The Certification Body confirmed such problems pointed out in the certification review were solved. The Certification Body prepared the Assurance Continuity Maintenance Report based on the IAR and concluded the certification activities.

1.4 Overview of Report

1.4.1 Description of Change

1) Change to Certified TOE

The non-security function was changed with the functional improvements of the digital camera that the TOE is installed. And in order to change the method of identifying the TOE, the assignment rule of the TOE version was changed. The brief descriptions of the major changes are shown in Table 1-1.
These changes do not affect any security function of the TOE.

Table 1-1 The list of major changes of the product

No.	Overview of the changes
1	Fixes the issue of the screen becoming magenta-colored when shooting bulb exposures.
2	Improves image quality of NTSC video output.
3	Reduced noise when shooting bulb exposures.
4	Reduced the time between when the camera is turned on and when it is ready to shoot.
5	Support added for the wireless file transmitter WFT-E1.
6	Three new languages (Russian, Traditional Chinese, and Korean) added to the camera menus.
7	Improvement in communication reliability when using some CF cards.
8	The issue of communication failure between the camera and some personal computers has been fixed.

2) Change to development environment of Certified TOE

No change has been made for development environment.

1.4.2 Modified Developer Evidence

Change to the TOE required modification for a part of developer evidence that had been provided for the certified TOE before. Modified developer evidence has been identified properly and revised version had been issued.

1.4.3 Documents Attached to the changed TOE

Since a part of developer evidence attached to TOE has been modified, all documents attaching to the changed TOE are shown below.

● EOS-1D Mark II firmware Ver.1.2.1A
  EOS-1D Mark II DIGITAL Instruction Manual, CT1-5158-000, February, 2004. (This manual is Japanese version. The English version is CT1-1260-000)
  EOS-1D Mark II DIGITAL EOS DIGITAL Solution Disk, Software Instruction Manual, CT1-5159-001, February, 2004. (This manual is Japanese version. The English version is CT1-1261-000)

● EOS-1Ds Mark II firmware Ver.1.1.1A
  EOS-1Ds Mark II DIGITAL Instruction Manual, CT1-5173-000, September, 2004. (This manual is Japanese version. The English version is CT1-1275-000)
  EOS DIGITAL Software Instruction Manual, CT1-5174-000, September, 2004. (This manual is Japanese version. The English version is CT1-1276-000)

2. Conduct and Results of Assurance Continuity by the Certification Body

2.1 Overview of Assurance Continuity Conducted

The assurance continuity has started on March, 2004 and concluded with completion of the Report for Assurance Continuity. The Certification Body received the IAR necessary for assurance continuity by provided by developer, and examined the impacts to changed TOE.

Concerns found by the Certification Body in the examination process were issued as the certification review and were reported to developer. These concerns were investigated by the developer and reflected in the IAR.

2.2 Conduct of Certification

The following verification was conducted based on the IAR submitted by the developer during certification process.

a. Description of the changes to the certified TOE shall be correct;
b. The developer evidence to be changed shall be properly;
c. The result of impact analysis to the changed TOE based on the developer evidence to be changed shall be properly.

Concerns found in certification process were prepared as certification review, which were sent to the developer.

The Certification Body confirmed such problems pointed out in the certification review were solved in the IAR.

3. Conclusion

3.1 Certification Result

The Certification Body verified the submitted IAR and confirmed that the changed TOE is satisfying the EAL2 + ALC_DVS.1 assurance requirements of the certified TOE, and also confirmed that there is not any impact to the assurance of the changed TOE.
Further, the Certification Body confirmed that there is not any impact on behavior of the changed TOE based on regression testing performed by the developer.

3.2 Recommendations

None

4. Glossary

The abbreviations used in this report are listed below.

CC: Common Criteria for Information Technology Security Evaluation

CEM: Common Methodology for Information Technology Security Evaluation

EAL: Evaluation Assurance Level

ST: Security Target

TOE: Target of Evaluation

IAR: Impact Analysis Report

CF: Compact Flush

The glossaries used in this report are listed below.

IAR: A report which records the analysis of the impact of changes to the certified TOE.

the certified TOE: The version of the TOE that has been evaluated and for which a certificate has been issued.

the changed TOE: A version that differs in some respect from the certified TOE.

the maintained TOE: A changed TOE that has undergone the maintenance process and to which the certificate for the certified TOE also applies.

5. Bibliography

[1]   IT Security Evaluation and Certification Scheme, April 2004, Information-Technology Promotion Agency, Japan ITQM-24 (Revised on November 5, 2004)

[2]   Guidance for IT Security Certification Application, etc. April 2004, Information-Technology Promotion Agency, Japan ITQM-23 (Revised on November 5, 2004)

[3]   General Requirements for Sponsors and Registrants of IT Security Certification, April 2004, Information-Technology Promotion Agency, Japan ITQM-08 (Revised on November 5, 2004)

[4]   Requirements for Assurance Continuity in IT Security Certification, November 5, 2004, Information-Technology Promotion Agency, Japan ITQM-31

[5]   EOS-1D Mark II firmware / EOS-1Ds Mark II firmware Impact Analysis Report Version 1.2, April 19, 2005, Canon Inc.