



Assurance Continuity Maintenance Report

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Information-technology Promotion Agency, Japan

Changed TOE

Application date/ID	2015-08-07 (ITM-5102)
Certification No.	C0474
Sponsor	Canon Inc.
TOE Name	Canon imageRUNNER ADVANCE 4900KB/4200 Series 2600.1 model
TOE Version	1.3
PP Conformance	IEEE Std 2600.1 TM -2009
Assurance Package	EAL3 augmented with ALC_FLR.2
Developer	Canon Inc.
Evaluation Facility	Mizuho Information & Research Institute, Inc. Information Security Evaluation Office

This is to report that the result of Assurance Continuity for the above changed TOE as follows.

2016-01-15

Takumi Yamasato, Technical Manager
Information Security Certification Office
IT Security Center, Technology Headquarters

Evaluation Criteria, etc.: The changed TOE is verified for Assurance Continuity in accordance with the following standards prescribed in the "IT Security Evaluation and Certification Scheme Document."

- Common Criteria for Information Technology Security Evaluation
Version 3.1 Release 4
- Common Methodology for Information Technology Security Evaluation
Version 3.1 Release 4

Certification Result: Pass

"Canon imageRUNNER ADVANCE 4900KB/4200 Series 2600.1 model" (the changed TOE) has been verified in accordance with the provisions of the "Requirements for IT Security Certification" by Information-technology Promotion Agency, Japan, and it is confirmed that the assurance is maintained as the maintained TOE.

Notice:

This document is the English translation version of the Assurance Continuity Maintenance Report published by the Certification Body of Japan Information Technology Security Evaluation and Certification Scheme.

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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 the changed "Canon imageRUNNER ADVANCE 4900KB/4200 Series 2600.1 model Version 1.3" (hereinafter referred to as the "changed TOE") to the certified TOE "Canon imageRUNNER ADVANCE 4200 Series 2600.1 model Version 1.2" (hereinafter referred to as the "certified TOE"), and it is intended to report to the sponsor, Canon Inc.

Readers of this Assurance Continuity Maintenance Report are advised to read the following Certification Report, ST for the certified TOE and manuals attached to the changed TOE (refer to "1.4.3. Documents Attached to the Changed TOE" for further details) together with this report. The environmental assumptions, corresponding security objectives, security functional requirements and assurance requirements needed for those implementations, and their summary specifications, are specifically described in the ST of the certified TOE. The operational conditions and functional specifications are also described in the documents attached to the changed TOE.

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

1.2 Identification of Assurance Continuity

1.2.1 Identification of the Changed TOE

The changed TOE that is to be subjected to this Assurance Continuity is identified as follows:

TOE Name:	Canon imageRUNNER ADVANCE 4900KB/4200 Series 2600.1 model
TOE Version:	1.3
Developer:	Canon Inc.

1.2.2 Identification of the Certified TOE

The certified TOE for this Assurance Continuity is identified as follows:

Certification No.:	C0474
Certification Date:	2015-05-27
TOE Name:	Canon imageRUNNER ADVANCE 4200 Series 2600.1 model
TOE Version:	1.2
Developer:	Canon Inc.
Assurance Level:	EAL3 augmented with ALC_FLR.2

1.2.3 ST Identification of the Certified TOE

The ST of the certified TOE for this Assurance Continuity is identified as follows:

Name:	Canon imageRUNNER ADVANCE 4200 Series 2600.1 model Security Target
Version:	1.08
Date:	2015-05-15
Author:	Canon Inc.

1.2.4 Identification of the Certification Report of the Certified TOE

The Certification Report of the certified TOE for this Assurance Continuity is identified as follows:

TOE Name:	Canon imageRUNNER ADVANCE 4200 Series 2600.1 model
TOE Version:	1.2
Application ID:	ITC-3443
Certification No.:	C0474
Date:	2015-05-27
Author:	Information Security Certification Office, IT Security Center, Technology Headquarters, Information-technology Promotion Agency, Japan

1.3 Certification of Assurance Continuity

Under the IT Security Evaluation and Certification Scheme that the Certification Body operates, in accordance with the publicized documents such as "IT Security Evaluation and Certification Scheme Document" [1], "Requirements for IT Security Certification" [2], and "Assurance Continuity: CCRA Requirements" [3], the Certification Body determined that the subset evaluation would be necessary, so the subset evaluation of the changed TOE has been conducted by the Evaluation Facility based on the CC/CEM, and a "Partial Evaluation Technical Report (ETR)" [5] has been submitted on 2015-12. The Certification Body verified the "Impact Analysis Report" [4] (hereinafter referred to as the "IAR") and the partial ETR and confirmed that the assurance of the changed TOE could be maintained. The Certification Body prepared this Assurance Continuity Maintenance Report based on the IAR and the partial ETR, and concluded the certification activities.

1.4 Overview of Report

1.4.1 Description of Change

1) Change to the certified TOE

The multifunction product (hereinafter referred to as "MFP") comprising the certified TOE is any of the following 7 models:

- (Model 1) iR-ADV 4251
- (Model 2) iR-ADV 4245
- (Model 3) iR-ADV 4235
- (Model 4) iR-ADV 4225
- (Model 5) iR-ADV 4245F
- (Model 6) iR-ADV 4235F
- (Model 7) iR-ADV 4225F

For the changed TOE, the following 4 models are added as part of the prospective component of MFP:

- (Model 8) iR-ADV 4951KB
- (Model 9) iR-ADV 4945KB
- (Model 10) iR-ADV 4935KB
- (Model 11) iR-ADV 4925KB

Note that (Model 8), (Model 9), (Model 10) and (Model 11) are identical to (Model 1), (Model 2), (Model 3) and (Model 4), respectively, except for changes in their exterior and names.

Along with the changes described above, the name and version of the TOE were changed. In order to confirm the acquisition of the correct changed TOE by the procurement entities, the guidance documents have also been modified.

2) Change to the development environment of the certified TOE

The following two changes have been made:

- Manufacturing locations of MFPs comprising the certified TOE were added.
- To accommodate the changes in the exterior of (Model 8), (Model 9), (Model 10) and (Model 11) above, locations to manufacture, install and deliver exterior parts were added.

1.4.2 Modified Developer Evidence

The changes to the TOE required modifications for some parts of developer evidence that had been previously provided for the certified TOE. The modified developer evidence has been correctly identified, and the revised version has been issued.

1.4.3 Documents Attached to the Changed TOE

The following documents are attached to the changed TOE:

Note that the Japanese names below are originally written in Japanese and translated into English.

(Japanese name)

- imageRUNNER ADVANCE 4200 Series 2600.1 model e-Manual CD [FT6-0697 (010)]
 - This CD contains the following two documents:
 - imageRUNNER ADVANCE 4245/4245F/4235/4235F/4225/4225F e-Manual
 - ACCESS MANAGEMENT SYSTEM Individual Management Configuration Administrator Guide
- iR-ADV Security Kit-K1 for IEEE 2600.1 Administrator Guide [FT6-0696 (020)]
- Before Using the iR-ADV Security Kit-K1 for IEEE 2600.1 [FT6-0698 (020)]
- HDD Data Encryption Kit Reference Guide [FT5-2437 (020)]

(English name)

- imageRUNNER ADVANCE 4200 Series 2600.1 model e-Manual CD (USE Version) [FT6-0700 (010)]
 - This CD contains the following two documents:
 - imageRUNNER ADVANCE 4251/4245/4235/4225 e-Manual
 - ACCESS MANAGEMENT SYSTEM Individual Management Configuration Administrator Guide
- imageRUNNER ADVANCE 4200 Series 2600.1 model e-Manual CD (APE Version) [FT6-0702 (010)]
 - This CD contains the following two documents:
 - imageRUNNER ADVANCE 4251/4245/4235/4225 e-Manual
 - ACCESS MANAGEMENT SYSTEM Individual Management Configuration Administrator Guide
- iR-ADV Security Kit-K1 for IEEE 2600.1 Common Criteria Certification Administrator Guide [FT6-0699 (020)]
- Before Using the iR-ADV Security Kit-K1 for IEEE 2600.1 Common Criteria Certification [FT6-0701 (020)]
- HDD Data Encryption Kit Reference Guide [FT5-2440 (030)]

(Note) "APE" above indicates that the product destination is Australia, Singapore or Hong Kong. "USE" above indicates that the product destination is other countries/regions.

2. Conduct and Results of Subset Evaluation by the Certification Body

2.1 Overview of Subset Evaluation Conducted

Based on the IAR submitted by the developer, the subset evaluation has been performed by the evaluator to conduct evaluations by verifying changes to the development environment.

The evaluator directly visited the development sites, where there were some changes to the development environment on 2015-08 and 2015-09, and examined the procedural status conducted in relation to each work unit for configuration management, delivery, and development security by investigating records and interviewing staff. The evaluator also conducted evaluation for the evaluation deliverables.

2.2 Evaluation Result

The evaluator had determined that the changed TOE satisfies all work units that correspond to the following assurance components.

As a result of the evaluation, the verdict "PASS" was confirmed for the following assurance components.

- AGD_PRE.1
- ALC_CMC.3
- ALC_CMS.3
- ALC_DEL.1
- ALC_DVS.1

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

3.1 Overview of Assurance Continuity Conducted

The Application for Assurance Continuity was accepted on 2015-08-07 and concluded upon completion of this Assurance Continuity Maintenance Report.

3.2 Certification conducted

Based on the IAR submitted by the developer as well as on the partial ETR submitted by the Evaluation Facility, the Certification Body conducted the following verification in order to confirm that the changes to the TOE have no effect on the assurance of the certified TOE.

- 1) The developer evidence modified in accordance with the changes to the TOE shall be appropriate.
- 2) The process and result of the impact analysis for the changes to the TOE shall be adequate.
- 3) Appropriate tests have been conducted regarding the changed TOE.
(Note) For this Assurance Continuity, no tests were necessary because there is no change in the parts related to the TOE behavior and operational environment.
- 4) Rationale of the evaluation verdict by the evaluator presented in the partial ETR shall be adequate.
- 5) The evaluator's evaluation methodology presented in the partial ETR shall conform to the CEM.

4. Conclusion

4.1 Certification Result

As the result of verifying the submitted IAR and the partial ETR, the Certification Body confirmed that the changed TOE satisfies the EAL3 augmented with ALC_FLR.2 assurance requirements of the certified TOE and has no effect on the assurance of the changed TOE. Further, the Certification Body confirmed that the regression testing was not necessary according to the content of the changes.

4.2 Recommendations

None

5. 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
IAR	Impact Analysis Report
ST	Security Target
TOE	Target of Evaluation

The terms used in this Assurance Continuity Maintenance Report are listed below.

Certified TOE	A version of the TOE for which evaluation has been completed and the certificate has been issued.
Changed TOE	A different version of the certified TOE in which modifications has been added to.
IAR	Impact Analysis Report. A report which records the analysis of the impact of changes to the certified TOE.
Maintained TOE	A changed TOE that has undergone the maintenance process, to which the application of the previous certification for the certified TOE is approved. The same assurance provided to the certified TOE is also applied to the maintained TOE.

6. Bibliography

- [1] IT Security Evaluation and Certification Scheme Document, June 2015, Information-technology Promotion Agency, Japan CCS-01
- [2] Requirements for IT Security Certification, October 2015, Information-technology Promotion Agency, Japan CCM-02
- [3] Assurance Continuity: CCRA Requirements, Version 2.1, June 2012
- [4] Canon imageRUNNER ADVANCE 4200 Series 2600.1 model Impact Analysis Report, Version 1.02, November 2, 2015, Canon Inc.
- [5] Canon imageRUNNER ADVANCE 4900KB/4200 Series 2600.1 model Evaluation Technical Report, Version 1.0 (141469-01-R003-01), December 17, 2015, Mizuho Information & Research Institute, Inc. Information Security Evaluation Office