Assurance Continuity Maintenance Report

Koji Nishigaki, Chairman
Information-technology Promotion Agency, Japan

Changed TOE

Application date/ID	2008-10-21 (ITM-8043)
Certification No.	C0118
Sponsor	Konica Minolta Business Technologies, Inc.
Name of TOE	Japan: bizhub PRO C5500/ineo⁺5500/ bizhub PRO C5501/ ineo⁺5501 Gazou Seigyo Program Overseas: bizhub PRO C5500/ineo⁺5500/ bizhub PRO C5501/ ineo⁺5501 Image Control Program
Version of TOE	A0E70Y0-00I1-G00-41
Conformed Claim	EAL3
Developer	Konica Minolta Business Technologies, Inc.

This is to report that the result of assurance continuity for the above changed TOE is as follows.
2008-11-19

Hideji Suzuki, Technical Manager
Information Security Certification Office
IT Security Center

Evaluation Criteria, etc.: The changed TOE is verified for assurance continuity in accordance with the provision of the "IT Security Evaluation and Certification Scheme".

- Common Criteria for Information Technology Security Evaluation Version 2.3
- Common Methodology for Information Technology Security Evaluation Version 2.3

Certification Result: Pass

"Japan:bizhub PRO C5500/ineo⁺5500/bizhub PRO C5501/ineo⁺5501Gazou Seigyo Program, Overseas: bizhub PRO C5500 /ineo⁺5500/ bizhub PRO C5501/ineo⁺5501 Image Control Program Version A0E70Y0-00I1-G00-41" (the changed TOE) has been verified in accordance with the provision of the "IT Security Certification Procedure" by Information-technology Promotion Agency, Japan, and has confirmed the assurance continuity as the maintained TOE.

Table of Contents

1. Executive Summary

1.1 Introduction

This Assurance Continuity Maintenance Report describes the certification result in relation to the assurance continuity for changed "Japan: bizhub PRO C5500/ineo⁺5500/ bizhub PRO C5501/ineo⁺5501 Gazou Seigyo Program, Overseas: bizhub PRO C5500/ineo⁺5500/ bizhub PRO C5501/ineo⁺5501 Image Control Program Version A0E70Y0-00I1-G00-41 (hereinafter referred to as "the changed TOE")" to the Certified TOE " Japan: bizhub PRO C5500/ineo⁺5500 Gazou Seigyo Program, Overseas: bizhub PRO C5500/ineo⁺5500 Image Control Program Version A0E70Y0-00I1-G00-10 (hereinafter referred to as "the certified TOE")", and it report to sponsor, Konica Minolta Business Technologies, 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:	Japan:	bizhub PRO C5500/ineo⁺5500/bizhub PRO C5501/ineo⁺5501 Gazou Seigyo Program
	Overseas:	bizhub PRO C5500/ineo⁺5500/bizhub PRO C5501/ineo⁺5501 Image Control Program
Version of TOE:	A0E70Y0-00I1-G00-41	
Developer:	Konica Minolta Business Technologies, Inc.	

1.2.2 Identification of the Certified TOE

The certified TOE of this assurance continuity is as follows:

Certification No.:	C0118	
Name of TOE:	Japan:	bizhub PRO C5500/ineo⁺5500 Gazou Seigyo Program
	Overseas:	bizhub PRO C5500/ineo⁺5500 Image Control Program
Version of TOE:	A0E70Y0-00I1-G00-10	
Developer:	Konica Minolta Business Technologies, Inc.	
Conformed Claim:	EAL3	

1.2.3 ST Identification of the Certified TOE

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

Title:	Multi functional printer (digital copier) bizhub PRO C5500 Security Target
Version:	2
Publication date:	2007-08-10
Author:	Konica Minolta Business Technologies, 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:	Japan: bizhub PRO C5500/ineo+5500 Gazou Seigyo Program Overseas: bizhub PRO C5500/ineo+5500 Image Control Program
Version of TOE:	A0E70Y0-00I1-G00-10
Application ID:	ITC-7160
Certification No:	C0118
Publication date:	2007-09-27
Author:	Information Security Certification Office, IT Security Center Information-technology Promotion Agency, Japan

1.3 Certification of Assurance Continuity

Based on IT Security Evaluation/Certification Program operated by the Certification Body, the Certification Body verifies the Impact Analysis Report[3] (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], "IT Security Certification Procedure"[2], 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

Modifications for the certified TOE include "functional additions to products" and "improvements for performance and failures". This change has no impact to the security functions of the certified TOE.
Modifications for products are shown in Table 1-1.

Table 1-1. Modifications for Products

Modification Type	Modification Purpose	Detailed Information
Improvement and efficiency in manufacturing process	Response to new point of destination	Add factory default value in accordance with the point of destination.
	Response to manufacturing for bizhub PRO C5501/ineo+5501	Response to new manufacturing number A0U1 and add factory default value in accordance with the destination.
Modification of CE function	Stop of correcting adjustment for paper's movement going to one side .	Stop adjustment for paper's movement going to one side by DipSW for service mode.
	Modification of paper size counter	Change indeterminate paper size counter　to long size paper counter.
Support for new function	Addition of Autostart function	Add autostart function after supplying paper or jam recovery.
	Addition of new function	Add automatically paper size setting function in case of difference mainbody and controller indication.
	Addition of JOB archival record function	Add saving function of JOB archival record to HDD and consulting function with browser and Web utility function.
	Addition of changing function of Counter Display	Add function of display's changing current counter to A4/Letter-like and A3/11*17-like Color by DipSW.
	Response to http protocol for CSRC	Add http protocol in addition with communication method of telephone and E-mail for CSRC.
Improvement of performance and function	Modification of screen for image.	Modify of current screen to line screen for reducing of gradient density.
	Countermeasure of image error in printing in case of using heavy paper.	When print JOB is black and white mode and using paper is heavy paper, it change B/W mode to color mode for reducing shock of heavy paper into fusing unit.
	Improvement of printing function on application function.	Add function of setting first print JOB number and first page.
	Addition of function correcting gradient density. To bizhub PRO C5501/ ineo+5501	Add function correcting gradient density by correcting electrically laser beam.

Modification Type	Modification Purpose	Detailed Information
Improvement of failure on JOB printing	Modification of failure during print JOB.	Response to various failures.
Improvement of failure	Correction of failure on operation and setting	Correct a variety of failures related to operation and setting.

2) Change to development environment of Certified TOE

No modification to the development environment.

1.4.2 Modified Developer Evidence

Modifications of this certified TOE were required to modify a part of the developer evidence submitted for the certified TOE before. The modified developer evidence was correctly identified and the revised version was created.

1.4.3 Documents Attached to the changed TOE

The following documents are attached to the modified TOE.
bizhub PRO C5500(Japanese version)
- bizhub PRO C5500 User's Guide Copier   A0E7955012   2008-06-20
- bizhub PRO C5500 User's Guide POD   A0E7957012   2008-06-20
  Administrator's Reference
- bizhub PRO C5500 User's Guide Security   A0E7955512   2008-06-20
- bizhub PRO C5500 Installation Manual   A0E7956022   2008-06-20

bizhub PRO C5500(Overseas version)
- bizhub PRO C5500 User's Guide Copier   A0E7955112   2008-06-20
- bizhub PRO C5500 User's Guide POD   A0E7957112   2008-06-20
  Administrator's Reference
- bizhub PRO C5500 User's Guide Security   A0E7955612   2008-06-20
- bizhub PRO C5500 INSTALLATION   A0E7956222   2008-06-20
  MANUAL

ineo$^+$5500
- ineo$^+$5500 User's Guide [Copier]   A0E7959512   2008-06-20
- ineo$^+$5500 User's Guide [POD   A0E7959712   2008-06-20
  Administrator's Reference]
- ineo$^+$5500 User's Guide [Security]   A0E7959612   2008-06-20
- COLOR MFP 55ppm INSTALLATION   A0E7956322   2008-06-20
  MANUAL

bizhub PRO C5501(Japanese version)
- bizhub PRO C5501 User's Guide Copier   A0U1955000   2008-06-20
- bizhub PRO C5501 User's Guide POD   A0U1957000   2008-06-20
  Administrator's Reference
- bizhub PRO C5501 User's Guide Security   A0U1955500   2008-06-20
- bizhub PRO C5501 Installation Manual   A0U1956011   2008-06-20
- bizhub PRO C6501/C6501P/C5501 Service   CCA0U0-M-FJ1-0930   2008-06-20
  Manual Field Service

bizhub PRO C5501(Overseas version)

-	bizhub PRO C5501 User's Guide Copier	A0U1955100	2008-06-20
-	bizhub PRO C5501 User's Guide POD Administrator's Reference	A0U1957100	2008-06-20
-	bizhub PRO C5501 User's Guide Security	A0U1955600	2008-06-20
-	bizhub PRO C5501 INSTALLATION MANUAL	A0U1956211	2008-06-20
-	bizhub PRO C6501/C6501P/C5501 SERVICE MANUAL Field Service	CCA0U0-M-FE1-0770	2008-06-20

ineo+5501

-	ineo+5501 User's Guide [Copier]	A0U1959500	2008-06-20
-	ineo+5501 User's Guide [POD Administrator's Reference]	A0U1959700	2008-06-20
-	ineo+5501 User's Guide [Security]	A0U1958500	2008-06-20
-	COLOR MFP 55/55ppm INSTALLATION MANUAL	A0U1956511	2008-06-20

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

2.1 Overview of Assurance Continuity Conducted

Application for the assurance continuity was accepted on 2008-10-21 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.

2.2 Conduct of Certification

The following verification was conducted based on the IAR submitted by the developer during certification process in order to confirm that there is no impact to the assurance of the changed TOE.

a. The developer evidence of the changed TOE shall be appropriate;
b. The process and result of impact analysis to the changed TOE shall be appropriate;
c. Appropriate tests shall be conducted.

3. Conclusion

3.1 Certification Result

The Certification Body verified the submitted IAR and confirmed that the changed TOE satisfies the EAL3 assurance requirements of the certified TOE, and also confirmed that there is not any impact to the assurance of the changed TOE.

Furthermore it confirming the result that person in development division tested regression test with using bizhub PRO C5500. This machine with loading TOE being changed is difference about portion of hardware against machine with loading current TOE, but its difference is no affect for action and function of machine, so Certification Body confirmed regression test is sufficient for test by testing only with using bizhub PRO C5500.

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

IAR: Impact Analysis Report

ST: Security Target

TOE: Target of Evaluation

The glossaries used in this report are listed below.

A3/11x17-like: Paper size longer or equal 390mm in paper feeding direction.

A4/Letter-like: Paper size less than 390mm in paper feeding direction.

CSRC: CS Remote Care for short –Remote Management system of machine send and receive machine management data with using E-mail and phone line from machine to CS Remote Center PC. Be able to call Center PC in case of trouble occurred.

DipSW: One of CE function, - Software Switch for changing variety of function.

Full-bleed printing: Function of printing all surface of paper with no white space.

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

LS-501:   Finisher with large capacity stacker.

Point of destination: This word is for sale destination. Sale destinations are Japan, North America, Europe, Asia Pacific, Taiwan, China, Korea. Machine of TOE is same, machine language is difference.

Programmable JOB: Scan Mode with changing scan configuration of each JOB.

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, May 2007, Information-technology Promotion Agency, Japan CCS-01

[2]   IT Security Certification Procedure, May 2007, Information-technology Promotion Agency, Japan CCM-02

[3]   Multi functional printer (digital copier) bizhub PRO C5500/ineo+5500/bizhub PRO C5501/ineo+5501 Series Impact Analysis Report Version 5
November 4, 2008 Konica Minolta Business Technologies, Inc.