Assurance Continuity Maintenance Report

Changed TOE

Application date/ID	March 31, 2005 (ITM-5005)
Certification No.	C0019
Sponsor	Konica-Minolta Business Technologies, Inc
Name of TOE	Japan: bizhub PRO 1050 zentai seigyo software Overseas: bizhub PRO 1050 control software
Version of TOE	Image control program (Image control I1) : 13-0000 Controller control program (IP controller P1): 11-0000
Conformed Claim	EAL3
TOE Developer	Konica-Minolta Business Technologies, Inc

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

June 2, 2005

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Information Security Certification Office
IT Security Center
Information-Technology Promotion Agency, Japan

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-0210

Certification Result: Pass
"Japan:bizhub PRO 1050 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 13-0000, Controller seigyo program (IP control P1): 11-0000),Overseas:bizhub PRO 1050 control software (Image control program (Image control I1): 13-0000, Controller control program (IP controller P1): 11-0000)" (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.

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.

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 1050 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 13-0000, Controller seigyo program (IP control P1): 11-0000),Overseas:bizhub PRO 1050 control software (Image control program (Image control I1): 13-0000, Controller control program (IP controller P1): 11-0000) (hereinafter referred to as "the changed TOE")" to the Certified TOE "Japan:bizhub PRO 1050 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 11-0000, Controller seigyo program (IP control P1): 10-0000),Overseas:bizhub PRO 1050 control software (Image control program (Image control I1): 11-0000, Controller control program (IP controller P1): 10-0000) (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 1050 zentai seigyo software Overseas: bizhub PRO 1050 control software

Version of TOE:	Japan: Gazou seigyo program (Gazou seigyo I1): 13-0000
	          Controller seigyo program (IP control P1): 11-0000
	Overseas: Image control program (Image control I1): 13-0000
	          Controller control program (IP control P1): 11-0000

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.:	C0019
Name of TOE:	Japan: bizhub PRO 1050 zentai seigyo software Overseas: bizhub PRO 1050 control software
Version of TOE:	Japan: Gazou seigyo program (Gazou seigyo I1): 11-0000 Controller seigyo program (IP control P1): 10-0000

Overseas: Image control program (Image control I1): 11-0000

Controller control program (IP control P1): 10-0000

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 1050 Series Security Target

Version: Version 10

Publication date: December 21, 2004

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 1050 zentai seigyo software

Overseas: bizhub PRO 1050 control software

Version of TOE: Image control program (Image control I1): 11-0000

Controller control program (IP control P1): 10-0000

Application ID: ITC-4027

Publication date: February 9, 2005

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

Modifications for products include "process improvements," "support for retailer requests," "performance/functional improvements," and "bug fixes." Modifications for products are shown in Table 1-1.

Table 1-1. Modifications for Products

Modification Type	Modification Outline	Detailed Information
Image control program		
Modification of function	Modification by improving work of manufacturing modification.	• Modify factory default value for the threshold to detect the deterioration of laser diode in writing unit.
	Modification by corrective response to new optional equipment.	- Add setting to select each function of SD501 in operational section. - Add operational control to direct the operation in each function of SD501. - Add setting in operation section and calculation process of shift amount for image creeping function. - Add process to control various color types of status indicator lights.
	Modification by corrective response to new destination.	- Add factory default value in accordance with the destinations (Australia / Asia Pacific).
	Modification of control by modifying component.	- Modify the start timing of laser writing with modifying the mounting angle of laser diode.
	Modification by improving CE function	- Not allow non-volatile backup / restore functions use even security reinforcement mode OFF.
Improvement of bug fixes	Improvement of bug fixes	Correct source codes for a variety of bugs related to action and operation after the start of JOB.
Controller control program		
Improvement of bug fixes	Improvement of bug fixes	Correct source codes for a variety of bugs related to action and operation after the start of JOB.

2) Change to development environment of Certified TOE

In order to execute the appropriate response to version upgrade of program in the field, the distribution procedure was added.

1.4.2 Modified Developer Evidence

Modifications of this certified TOE needed to modify a part of the developer evidence that was 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

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

Japanese Documents

<Manuals for CE>

- bizhub PRO 1050 Installation Manual 56UA97360
  It describes the installation procedures for the main unit.

- bizhub PRO 1050/1050P Service Manual Field Service 2005.03
  It describes the registration of administrator with the adjustment method of hardware etc.

<Manuals for Administrators/General Users>

- bizhub PRO 1050 User's Guide Copier 2005.03
  It describes the usage method of copier function.

- bizhub PRO 1050 User's Guide Network Scanner 2004.09
  It describes the usage method of document box, and the usage method of bizhub PRO 1050 main unit in connecting to network and using scanner function.

- bizhub PRO 1050 User's Guide POD Administrator's Reference 2004.09
  It describes the mechanical adjustment method of main unit and the method of management function etc.

- bizhub PRO 1050 User's Guide Security 2004.09
  It describes the operational method of bizhub PRO 1050 control software, the useable function, and the security function.

Overseas Documents

<Manuals for CE>

- bizhub PRO 1050 INSTALLATION MANUAL 56UA97360
  It describes the installation procedures for the main unit.

- bizhub PRO 1050/1050P SERVICE MANUAL Field Service 2005.04
  It describes the registration of administrator with the adjustment method of hardware etc.

<Manuals for Administrators/General Users>

- bizhub PRO 1050 User's Guide Copier 2005.03
  It describes the usage method of copier function.

- bizhub PRO 1050 User's Guide Network Scanner 2004.09
  It describes the usage method of bizhub PRO 1050 main unit in connecting to network and using scanner function.

- bizhub PRO 1050 User's Guide POD Administrator's Reference 2004.09
  It describes the mechanical adjustment method of main unit and the method of management function etc.

- bizhub PRO 1050 User's Guide Security 2004.09
  It describes the operational method of bizhub PRO 1050 control software, the useable function, and the security function.

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, 2005 and concluded with completion of the Report for Assurance Continuity June, 2005. The Certification Body received the IAR necessary for assurance continuity by provided by developer, and examined the impacts to changed TOE.

A problem found by the Certification Body in the examination process was issued as the certification review and was reported to developer. This problem was 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.

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 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 EAL3 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

IDE: Integrated Drive Electronics

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]   Multi functional printer (digital copier) bizhub PRO 1050 Series Impact Analysis Report Version 4 May 27, 2005 Konica-Minolta Business Technologies, Inc.