Assurance Continuity Maintenance Report

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Information-technology Promotion Agency, Japan

Changed TOE

Application date/ID	2007-05-24 (ITM-7025)
Certification No.	C0030
Sponsor	Konica Minolta Business Technologies, Inc.
Name of TOE	Japan: bizhub PRO 920 zentai seigyo software Overseas: bizhub PRO 920 control software

Version of TOE	Japan: Gazou seigyo program (Gazou seigyo I1): 40-0000
	              Controller seigyo program (IP control P1): 20-0000
	Overseas: Image control program (Image control I1): 40-0000
	              Controller control program (IP control P1): 20-0000

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.

2007-08-20

Haruki Tabuchi, 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 2.1
  (ISO/IEC 15408:1999)
- Common Methodology for Information Technology Security Evaluation Version 1.0
- CCIMB Interpretations (as of 01 December 2003)

Certification Result: Pass

"Japan:bizhub PRO 920 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 40-0000, Controller seigyo program (IP control P1): 20-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 40-0000, Controller control program (IP control P1): 20-0000)" (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 920 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 40-0000, Controller seigyo program (IP control P1): 20-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 40-0000, Controller control program (IP controller P1): 20-0000) (hereinafter referred to as "the changed TOE")" to the Certified TOE "Japan:bizhub PRO 920 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 10-0000, Controller seigyo program (IP control P1): 10-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 10-0000, 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 920 zentai seigyo software Overseas: bizhub PRO 920 control software
Version of TOE:	Japan: Gazou seigyo program (Gazou seigyo I1): 40-0000 Controller seigyo program (IP control P1): 20-0000 Overseas: Image control program (Image control I1): 40-0000 Controller control program (IP control P1): 20-0000
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.:	C0030
Name of TOE:	Japan: bizhub PRO 920 zentai seigyo software Overseas: bizhub PRO 920 control software
Version of TOE:	Japan: Gazou seigyo program (Gazou seigyo I1): 10-0000

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

Overseas: Image control program (Image control I1): 10-0000

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 920 Series Security Target

Version: Version 6

Publication date: 2005-06-10

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 920 zentai seigyo software
                    Overseas: bizhub PRO 920 control software

Version of TOE: Japan: Gazou seigyo program (Gazou seigyo I1): 10-0000

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

Overseas: Image control program (Image control I1): 10-0000

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

Application ID: ITC-5040

Publication date: 2005-07-06

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[4] (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". Modifications for products are shown in Table 1-1.

Table 1-1. Modifications for Products

<Image Control Program>

Modification Type	Modification Purpose	Detailed Information
Improvement and efficiency in manufacturing process	Response to new destination	Add factory default value in accordance with the destination.
Support for new function	Addition of new status that sends to print controller	Add JOB tracking information (number of sheets per set, number of output pages) and print performance by JOB (number of sheets used by each tray, number of staple and punch, categorical operating time) to the status for transmitting to print controller.
	JOB information editing from print controller	Enable to edit JOB ticket in main body HDD from print controller ; number of sets, paper feed tray, output tray, simplex/duplex, sort/group, offset, face up/face down, trimming, staple/punch, fold, collect *It does not function in case of security reinforcement mode ON.
	Needless tab paper exit	In case that "utility setting" > "function setting" > "individual function switching" > "needless tab paper exit" is ON, the oddment of a set of tab sheets is delivered to the sub tray so that the position of tab sheets is initialized every a set of copy.
	Tab print auto image shift	In case that "utility setting" > "function setting" > "individual function switching" > "tab print auto image shift" is ON, or tab print is specified from printer driver, tab part image is shifted. (with the specified shift amount at ON from printer driver, and a fixed shift amount 12.5mm at OFF.)
	Minus shift setting of page space	- Enable minus shift setting in order to decrease the space between images. - Shift page space in the same direction to images in reverse 2 repeat and image shift setting by switching service DIPSW.

Modification Type	Modification Purpose	Detailed Information
	Default setting in remote scan	Enable default setting of parameter (density, original setting direction, original folding direction, mixed original) that cannot be specified from remote scan. (Available by service DIPSW.) *Remote scan does not function in case of security reinforcement mode ON.
Improvement of performance and function	Display of used tray during printing	- When print JOB is received after the condition that any JOB is not performed for a while, it moves automatically to the machine status screen. (Available by switching service DIPSW.) - When the condition changes from "with JOB" to "with no JOB" during a display of the machine status, it moves to the copy screen. (Available by switching service DIPSW.)
	Improvement of operability with pressing sub area stop button on operation panel	After it moves to the machine status screen automatically, and "cancel" or "continue" is pressed on the selection screen, the previous screen that displays sub area returns. (Available by switching service DIPSW.)
	Availability of color display for set paper type	Display the set paper color in stead of illustration indicating paper setting direction from tray selection in direct selection screen. (Available by switching service DIPSW.)
	Modification of terms for paper type	Modify terms that represent paper type by switching service DIPSW.
	Release of prohibition on fold& staple with thick paper cover	Remove a prohibition of fold&staple and thick paper cover setting by switching service DIPSW.
	Availability of inside print with center folding	Enable to make inside print by means of straight delivery in case of simplex print with center folding by switching service DIPSW.
	Initialization of scanner and address/file name	Clear address and file name with moving to address selection screen by pressing Reset button on memory scan mode. (Available by switching service DIPSW.)

Modification Type	Modification Purpose	Detailed Information
	Addition of character used for account password of Scan to FTP and BOX password of Scan to HDD	Add symbol except alphanumeric as available character. (Scan to FTP function that is out of TOE range, transmits scanned image to FTP server of outside TOE. Scan to HDD function that is out of TOE range, downloads scanned image from client PC of outside TOE. BOX password can be arbitrarily entered by user.)
	Response to K size for Korea	Enable to use K size paper for Korea by switching service DIPSW.
	Revision of image direction in setting scanner mixed original	Make the scanned image in the same direction by setting original image uniformly and selecting the set original direction from operation panel. (Available by switching service DIPSW.)
Improvement of failure	Correction of failure after starting JOB	Correct a variety of failures after the start of JOB.
	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 modifications to the development environment.

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 version

- bizhub 920/bizhub PRO 920 Installation Manual 57GA97044H 2007.4

- bizhub 920/bizhub PRO 920 User's Guide Copier 57GA97053G 2007.4

- bizhub 920/bizhub PRO 920 User's Guide POD Administrator's Reference 57GA97063G 2007.4

- bizhub 920/bizhub PRO 920 User's Guide Security 57GA97074G 2007.4

Overseas version

- bizhub PRO 920 INSTALLATION MANUAL 57GE97044H 2007.4

- bizhub PRO 920 User's Guide Copier 57GE97053G 2007.4

- bizhub PRO 920 User's Guide POD Administrator's Reference 57GE97063G 2007.4

- bizhub PRO 920 User's Guide Security 57GE97074G 2007.4

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

2.1 Overview of Assurance Continuity Conducted

Application for the assurance continuity was accepted on 2007-05-24 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.

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

DIPSW: DIP Switch

EAL: Evaluation Assurance Level

IAR: Impact Analysis Report

ST: Security Target

TOE: Target of Evaluation

The glossaries used in this report are listed below.

ATS: Auto Tray Switch is a function that switches automatically to another tray loaded the same paper size when the selected paper tray becomes empty while working job.

DIPSW: Software setting to switch function and action, can be operated by servicemen and cannot be operated by users.

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

K size: Paper size (such as 8K and 16K) used in Korea.

Programming JOB: Programming JOB is a mode that performs memory scan with changing setting by a set.

Remote Scan: A function that scans as job mode commanded through external PC and sends to PC by scanner function.

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]   Guideline for Assurance Continuity in IT Security Certification, May 2007, Information-technology Promotion Agency, Japan

[4]   Multi functional printer (digital copier) bizhub PRO 920 Series Impact Analysis Report Version 9 June 6, 2007 Konica Minolta Business Technologies, Inc.