Assurance Continuity Maintenance Report

Buheita Fujiwara, Chairman
Information-Technology Promotion Agency, Japan

Changed TOE

Application date/ID	January 20, 2006 (ITM-6013)
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	Image control program (Image control I1) : 20-0000 Controller control program (IP controller P): 20-0000
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.

February 15, 2006

TABUCHI Haruki, Technical Manager
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-as of 01 December 2003

Certification Result: Pass
"Japan:bizhub PRO 920 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 20-0000, Controller seigyo program (IP control P): 20-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 20-0000, Controller control program (IP controller P): 20-0000)" (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 920 zentai seigyo software(Gazou seigyo program (Gazou seigyo I1): 20-0000, Controller seigyo program (IP control P): 20-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 20-0000, Controller control program (IP controller P): 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 P): 10-0000),Overseas:bizhub PRO 920 control software (Image control program (Image control I1): 10-0000, Controller control program (IP controller P): 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:	Image control program (Image control I1): 20-0000	
	Controller control program (IP control P): 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:	Image control program (Image control I1): 10-0000
	Controller control program (IP control P): 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:	June 10, 2005
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:	Image control program (Image control I1): 10-0000
	Controller control program (IP control P): 10-0000
Application ID:	ITC-5040
Publication date:	July 6, 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[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], "Guideline for Assurance Continuity in IT Security Certification"[3]. 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 in manufacturing process	Modification of non-volatile initial value.	Modify factory default value of software switch.
	Response to new destinations.	Add factory default value in accordance with the destinations.
Modification of CE functions	Improvement of operability in setting date/time.	Correct to update the time in real time with CSRC date/time setting screen.
	Operational modification in setting serial number.	Correct not to implement destination setting in case that no change for serial number.
Modification of administrator functions	Improvement of operability in setting date/time.	Correct to update the time in real time in date/time setting of utility administrator mode.
	Addition of SNMP Trap setting.	Add SNMP Trap setting to utility administrator/network setting.
Support for new functions	Addition of LDAP retrieval function.	Add LDAP retrieval function to Scan to E-mail address selection/setting screen.

Modification Type	Modification Purpose	Detailed Information
	Response to HDD each page output function.	Add control to enable output only any one page in the file recalled from user BOX. (Add screen to select any page.)
	Addition of thumbnail function.	Add thumbnail button to file selection screen (BOX storage HDD, PC/ BOX readout) for HDD readout. (Available to designate any page.)
	Response to any stamp function.	Add function to print out any stamp (numbering/date/arbitrary character string) on the scanned image. (Available in copier/scanner/BOX storage.)
	Operational modification in continuous platen copying job.	Support automatic transition to reservation screen with maintain of setting, by adding screen selection (copier screen/reservation screen) to utility copier setting/individual function switch after platen copying job.
	Improvement of action for new sub BOX name designated from printer driver.	Allow save for new sub BOX name designated from printer driver.
Improvement of failure	Improvement of failure.	Correct source codes for a variety of failures related to action, recovery, operation and setting after the start of JOB.

<Controller Control Program>

Modification Type	Modification Purpose	Detailed Information
Addition of new functions	Response to addition of positioning correction function for printing image.	Add process with parameter added to printer driver.
	Response to addition of LDAP retrieval function.	Add process for LDAP retrieval function for Email address designation.
	Response to addition of tandem printing function.	Add process with parameter added to printer driver.
	Response to addition of printing function by page.	Add process for printing command addition.
	Response to addition of header page printing function.	Add process with parameter added to printer driver.
	Response to addition of message display of "printing completion".	Add process with parameter added to printer driver.
	Response to addition of form page function.	Add process with parameter added to printer driver.
	Response to addition of SNMPTrap function.	Add process for SNMPTrap function.
	Response to addition of StatusReadBack command.	Add process for command addition.
	Response to addition of PDF direct printing (PDF1.4/1.5).	Add process for PDF1.4/1.5 function. Update version to VxWorks5.5.
Improvement of failure	Improvement of failure	Correct source codes for a variety of failures related to action, operation and setting after the start of JOB.

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

The following documents are attached to the modified TOE.

Japanese Version

- bizhub 920 bizhub PRO 920 Installation Manual 57GA97041E 05.12
  It describes the installation procedures for the main unit.

- bizhub 920 bizhub PRO 920 Service Manual Field Service 2005.06 Ver1.0
  It describes the procedure for the maintenance and others.

- bizhub 920 bizhub PRO 920 User's Guide Copier 2005.12
  It describes the usage method of copier function.

- bizhub 920 bizhub PRO 920 User's Guide Network Scanner 2005.11
  It describes the usage method of document box, and the usage method of bizhub PRO 920
  main unit in connecting to network and using scanner function.

- bizhub 920 bizhub PRO 920 User's Guide POD Administrator　s Reference 2005.12
  It describes the mechanical adjustment method of main unit and the method of
  management function etc.

- bizhub 920 bizhub PRO 920 User's Guide Security 2005.12
  It describes the operational method of bizhub PRO 920 control software, the useable
  function, and the security function.

- IC203 User's Guide 2005.11v20

Overseas version

- bizhub PRO 920 INSTALLATION MANUAL 57GE97041E 05.12
  It describes the installation procedures for the main unit.

- bizhub PRO 920 SERVICE MANUAL Field Service 2005.05 Ver1.0
  It describes the procedure for the maintenance and others.

- bizhub PRO 920 User's Guide Copier 2005.12
  It describes the usage method of copier function.

- bizhub PRO 920 User's Guide Network Scanner 2005.11
  It describes the usage method of bizhub PRO 920 main unit in connecting to network and
  using scanner function.

- bizhub PRO 920 User's Guide POD Administrator　s Reference 2005.12
  It describes the mechanical adjustment method of main unit and the method of
  management function etc.

- bizhub PRO 920 User's Guide Security 2005.12
  It describes the operational method of bizhub PRO 920 control software, the useable

function, and the security function.

- IC203 User's Guide 2005.11v20

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

2.1 Overview of Assurance Continuity Conducted

The assurance continuity has started on January 20, 2006 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 indistinctness 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 indistinctness 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

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.

Factory default mode: A mode to enter the machine's serial number and set the initial value of non-volatile memory 1 in accordance with destinations.

LDAP retrieval function:
This is the function that retrieves and gets the address in scanning from LDAP server connected with the network.

Header Page Printing Function:
A function to print a page mentioned user name, file name and so on of print JOB in advance.

Form Page Function: A function to save, add, delete, display list, and overlay printing for image that can be overlaid to print.

SNMPTrap Function: A function to notify any failure information on communication protocol SNMP (Simple Network Management Protocol).

StatusReadBack Command
A command to set the status variation notification of printer and read the status.

PDF Direct Print: A function to print by sending directly document data in PDF format to the printer without involving printer driver and so on.

5. Bibliography

[1]   IT Security Evaluation and Certification Scheme, July 2005, Information-Technology Promotion Agency, Japan EC-01

[2]   IT Security Certification Procedure, July 2005, Information-Technology Promotion Agency, Japan EC-03

[3]   Guideline for Assurance Continuity in IT Security Certification, July 2005, Information-Technology Promotion Agency, Japan EC-01-1

[4]   Multi functional printer (digital copier) bizhub PRO 920 Series Impact Analysis Report Version 3, February 8, 2006, Konica Minolta Business Technologies, Inc.