Assurance Continuity Maintenance Report

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Changed TOE

Application date/ID	2007-10-26 (ITM-7032)
Certification No.	C0096
Sponsor	Hitachi, Ltd.
Name of TOE	HiCommand Suite Common Component
Version of TOE	05-70-01
Conformed Claim	EAL2 Augmented with ALC_FLR.1
TOE Developer	Hitachi, Ltd.

This is to report that the result of assurance continuity for the above changed TOE is as follows.
2007-12-26

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 following criteria prescribed in the "IT Security Evaluation and Certification Scheme".

- Common Criteria for Information Technology Security Evaluation Version 2.3 (ISO/IEC 15408:2005)
- Common Methodology for Information Technology Security Evaluation Version 2.3 (ISO/IEC 18045:2005)

Certification Result: Pass

"HiCommand Suite Common Component Version 05-70-01" (the changed TOE) has been verified in accordance with the provision of the "IT Product Security Certification Procedure" 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.

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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 changed "HiCommand Suite Common Component Version 05-70-01" (hereinafter referred to as "the changed TOE") to the Certified TOE "HiCommand Suite Common Component Version 05-51-01" (hereinafter referred to as "the certified TOE"), and it report to sponsor, Hitachi, Ltd.

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:	HiCommand Suite Common Component
Version of TOE:	05-70-01
Developer:	Hitachi, Ltd.

1.2.2 Identification of the Certified TOE

The certified TOE of this assurance continuity is as follows:

Certification No.:	C0096
Name of TOE:	HiCommand Suite Common Component
Version of TOE:	05-51-01
Developer:	Hitachi, Ltd.
Conformed Claim:	EAL2 Augmented with ALC_FLR.1

1.2.3 ST Identification of the Certified TOE

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

Title:	HiCommand Suite Common Component Security Target

Version:	1.08
Publication date:	May 10, 2007
Author:	Hitachi, Ltd.

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:	HiCommand Suite Common Component
Version of TOE:	05-51-01
Certification No.:	C0096
Publication date:	May 30, 2007
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]. 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 the certified TOE

The modifications to the certified TOE include function additions or changes (including improvements) to the certified TOE as well as problem fixes.
The table below lists the main modifications. These modifications do not affect the functions of the certified TOE that were evaluated as security functions.

Modification type	Modification Purpose	Modification overview
Function addition	Add a description of HSCC services to the Windows service control manager.	A function has been added to the installer to allow a description to be added to the Windows service control manager.

Modification type	Modification Purpose	Modification overview
Function addition and modification	Fulfill the necessity for reading and saving license information that has been extended in response to the increase in content and size of input license information required for use of the HiCommand product.	Processes for reading and saving extended license information have been added or modified.
Function addition	Improve the usability by allowing HiCommand product services (daemons in Unix) to be started and stopped in a batch.	A process has been added to allow all the HiCommand product services to be started or stopped in a batch.
Function addition	Allow HSCC to access a database in such a manner that the database active/inactive status is transparent to users.	A database active/inactive status checking function has been added to the set of existing database access functions. In addition, the processing has been changed so that the database, if it is inactive, will be activated before the desired function starts.
Function addition	Allow the new HiCommand functions to use HSCC.	A process has been added that lets existing commands recognize the new products. In addition, the names of the new functions as well as the internal account information corresponding to the new functions have also been added.
Function modification	Improve the processing efficiency by preventing unnecessary maintenance information from being output to the log for maintenance on the Web server.	In the Web server configuration file, the setting that specifies what maintenance information should be ineligible for output has been revised.
Function improvement	Suppress unexpected execution of the HSCC installer.	The processing has been changed so that the user's double-click on the HSCC installer terminates the installer, doing nothing else.
Function modification	Improve the usability by supporting tab browsing, a new display function of the browser (IE7).	The window focus control function (that determines which window to activate) used during browser operation has been revised so that it will behave even in IE7 in the same manner as in other supported browsers.
Function improvement	Improve the function that controls the timing of browser button pressing.	The processing has been improved so that the user cannot press the button until the timing of its pressing is appropriate.
Function modification	Improve the memory usage by changing the number of database log (journal) generations to be stored.	The "number of dump generations" setting in the database configuration file has been changed.

Modification type	Modification Purpose	Modification overview
Function modification	Prevent column widths from changing in response to browser window resizing performed when the GUI is in table display mode.	A function has been added to the GUI framework that maintains column widths even when the browser window is resized horizontally.

2) Change to development environment for the certified TOE

No modifications to the development environment.

1.4.2 Modified Developer Evidence

Change to the TOE required modification for a part of developer evidence that had beenprovided for the certified TOE before. Modified developer evidence has been identified properly and revised version has been issued.

1.4.3 Documents Attached to the changed TOE

The following documents are attached to the modified TOE.

- HiCommand Suite Common Component Security Guide - Description and Operation - Version 2

- JP1/HiCommand Device Manager Web Client User's Guide - Description and Operation - 3020-3-J71-40 Version 3

- JP1/HiCommand Device Manager System Configuration Guide (Server) 3020-3-J73-40 Version 3

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 2007-10-26 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.

a. Modifications to developer evidence shall be properly, judging from the modifications to the certified TOE;
b. Process and conclusion of the impact analysis for the modifications to the certified TOE shall be properly;
c. Appropriate tests shall be performed.

3. Conclusion

3.1 Certification Result

The Certification Body verified the submitted IAR and confirmed that the changed TOE is satisfying the EAL2 and ALC_FLR.1 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

DB: Data Base (HiRDB in this report)

EAL: Evaluation Assurance Level

HSCC: HiCommand Suite Common Component

IAR: Impact Analysis Report

ST: Security Target

TOE: Target of Evaluation

The glossaries used in this report are listed below.

HiCommand product: Means in this report such a product that is designed and developed so that it will use the TOE functions.

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, 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]　HiCommand Suite Common Component Impact Analysis Report Version 1.03, October 2, 2007, Hitachi, Ltd.