



CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR

Maintenance Update of Cybex SwitchView SC Series Switches Models SC620, SC640 and SC740 with revised firmware

Maintenance Report Number: CCEVS-ACMR-10450-0001

Date of Activity: 12 February 2013

References: Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004;

Impact Analysis Report (IAR) Cybex SwitchView SC Series Switches for models SC620, SC640 and SC740 with revised firmware

Documentation Updated:

- 520-866-502 Manufacturer_BOM_Report
- 520-869-502 Manufacturer_BOM_Report
- 520-868-502 Manufacturer_BOM_Report
- Design document
- Security Architecture Description
- Avocent Test Procedure v2 r1.doc
- Functional Test Plan
- Security Target

New Evidence:

- Avocent Test Procedure v2 r1 Test Log.pdf

Assurance Continuity Maintenance Report:

The vendor for the Cybex SwitchView SC Series Switches, Models SC620, SC640 and SC740 with revised firmware; Avocent Corporation submitted an Impact Analysis Report (IAR) to CCEVS for approval on 18 December 2012.

The IAR is intended to satisfy requirements outlined in Common Criteria document CCIMB-2004-02-009, "Assurance Continuity: CCRA Requirements", version 1.0, February 2004. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

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Changes to TOE:

The changes to the TOE consisted of:

1. Tamper-evident labels were modified on the unit chassis.
2. Firmware was changed in the “N” and “plus-one” processors on the main board.
3. New part numbers were assigned to identify units that incorporate the changes.

Each of the fixes fall into the following categorizations:

- Minor Changes with Little or No Security Relevance: These changes may be related to the TSC in some way, though may or may not relate directly to an SFR defined within the ST.
- Minor Changes with Some Security Relevance: These changes relate to the TSC in some way though the affect of the change is only to ensure the TOE functions as expected, and does not add or detract from the stated requirements in the ST.

The IAR provided by Avocent indicates that the assurance evidence has been updated to reflect the changes, and appropriate testing of the changed TOE has occurred.

The revised tamper-evident label was in response to a specific DoD customer request.

The firmware changes were classified as “bug fixes” intended to correct operation in the presence of errors and exception conditions that occurred in the users’ environment.

- a) Ensure keyboard status indicators are updated when status changes.
- b) Ensure greater interoperability with USB peripheral devices by correcting enumeration/de-enumeration issues in local port USB host controller.
- c) Ensure mouse movement does not interfere with USB remote wakeup.

Conclusion:

CCEVS reviewed the description of the changes and the analysis of the impact upon security, and found it to be minor. Therefore, CCEVS agrees that the original assurance is maintained for the above-cited version of the product.