



CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR

Market Central SecureSwitch Fiber Optic A/B/C Switch Revision B

Maintenance Report Number: CCEVS-VR-05-0088a

Date of Activity: 29 June 2007

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

"Impact Assessment Report for Market Central SecureSwitch Fiber Optic A/B/C Switch Revision B", 29 March 2007, document F4-0307-012

Documentation Updated:

Market Central SecureSwitch Fiber Optic A/B/C Switch developer evidence documents.

"Market Central SecureSwitch Fiber Optic A/B/C Switch Revision A Security Target", 14 February 2005, document F4-0205-001

Assurance Continuity Maintenance Report:

On 9 May 2007, Market Central, together with COACT, Inc. CAFE Laboratory, submitted an Impact Analysis Report (IAR) to CCEVS for approval. 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.

Changes to TOE:

There are very minor differences between the evaluated "Revision B" switch and the evaluated "Revision A" switch. None of those differences impact the Security Functional Requirements identified in the Revision A Security Target.

The changes to the TOE introduce only two new features (remote switching and the addition of a switched AC power Outlet). These updates have no impact on the mirror switching functionality which did not change, did not cause any changes to the firmware controlling the mirror switches when a user selects the A, B, or C ports, and the isolation remains the same as no changes to the optics were made to the TOE. The addition of a resistor only adds to the protection of the functionality to prevent failure of the control module if noise is present on the power line of the control module; it has no impact upon the functionality.

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Analysis and Testing:

The new revision (B) was subjected to the same testing as was the original revision (A) with the same successful results. The testing procedures were updated accordingly.

The assurance requirements include higher-assurance components (i.e. AVA_VLA.3) that are initially assessed by NSA evaluators. In reassessing the continued assurance of the vulnerability analysis, the NSA evaluators determined that no additional analysis of the changes was required.

Conclusion:

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