



Communications
Security Establishment

Centre de la sécurité
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CANADIAN CENTRE FOR **CYBER SECURITY**

COMMON CRITERIA MAINTENANCE REPORT

Market Central, Inc. SecureSwitch[®] Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1

9 March 2022

506-LSS

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FOREWORD

This Maintenance Report is an UNCLASSIFIED publication, issued under the authority of the Chief, Communications Security Establishment (CSE).

The IT product identified in this report has been previously evaluated at an approved Common Criteria testing lab established under the Canadian Common Criteria program using the Common Methodology for IT Security Evaluation, Version 3.1 Revision 5, for conformance to the Common Criteria for IT Security Evaluation, Version 3.1 Revision 5.

This report is not an endorsement of the IT product by the Canadian Centre for Cyber Security, and no warranty of the IT product by the Canadian Centre for Cyber Security is expressed or implied.

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Contact Centre and Information Services
contact@cyber.gc.ca | 1-833-CYBER-88 (1-833-292-3788)



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1 INTRODUCTION

An Impact Analysis Report was submitted to the Canadian Common Criteria program to extend the validity of the Common Criteria certificate previously awarded to **SecureSwitch® Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1**.

The process to achieve this under mutual recognition is described in Assurance Continuity: CCRA Requirements, version 2.1, June 2012. In accordance with the requirements of this process, the Impact Analysis Report describes all changes made to the product and/or its IT environment, all resulting changes made to the evaluation evidence, and the security impact of the changes.

The purpose of this document is to summarize and present the Canadian Common Criteria program's findings regarding the assurance maintenance of **SecureSwitch® Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1**, hereafter referred to as the maintained Target of Evaluation, or maintained TOE.

2 DESCRIPTION OF CHANGES

The following characterizes the changes implemented in the maintained TOE and/or the environment. For each change, it was verified that there were no required changes to the security functional requirements in the Security Target.

2.1 DESCRIPTION OF CHANGES IN THE MAINTAINED TARGET OF EVALUATION

The changes in the maintained TOE comprise the following:

- The addition of models that utilize 50 um fiber optic leads instead of 62.5 um fiber optic leads.

5101766	5101767	5101782	5101783	5101768	5101769	5101784	5101785
5101770	5101771	5101786	5101787	5101772	5101773	5101788	5101789
5101774	5101775	5101790	5101791	5101776	5101777	5101792	5101793
5101778	5101779	5101794	5101795	5101780	5101781	5101796	5101797

Table 1 - Additional Models

2.2 AFFECTED DEVELOPER EVIDENCE

Modifications to the product necessitated changes to the following developer evidence that was previously submitted in support of the original evaluation:

The following changes have been made to the Security Target:

- ST version and date updated
- Table 3 updated with new part numbers for 50 um models
- Minor editorial corrections

The following changes have been made to the Market Central, Inc. SecureSwitch® n:1 Fiber Optic Switch Products Manual:

- Version and date updated
- Part numbers added to 'Available Versions' table

The following changes have been made to the developer's Test Plan:

- Version and date updated
- Test Tools updated to include 50 um multimode fiber optic cables
- Switching & Isolation Functions Test – instructions updated for tester to use 50 um cables for relevant models

The following changes have been made to the Configuration Management Plan:

- Version and date updated
- Configuration Items list updated

3 CONCLUSIONS

Through functional and regression testing of the maintained TOE, assurance gained in the original TOE certification was maintained. As all the changes to the maintained TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance maintenance and re-evaluation is not required.

4 REFERENCES

Reference
Assurance Continuity: CCRA Requirements, v2.1, June 2012
Certification Report Market Central SecureSwitch® Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1, 25 June 2020, V1.0
Security Target Market Central, Inc., SecureSwitch® Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1, 3 February 2022, V1.1
Impact Analysis Report Market Central, Inc., SecureSwitch® Fiber Optic Switch Models: A, B, C, D, 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 and 8:1, 9 March 2022, V1.1