



Communications  
Security Establishment

Centre de la sécurité  
des télécommunications

# CANADIAN CENTRE FOR **CYBER SECURITY**

## COMMON CRITERIA MAINTENANCE REPORT

### Keysight Technologies Vision Series Network Packet Broker v5.10.0

30 January 2024

568-LSS

V1.0

© Government of Canada

This document is the property of the Government of Canada. It shall not be altered, distributed beyond its intended audience, produced, reproduced or published, in whole or in any substantial part thereof, without the express permission of CSE.

Canada 

# 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.

If your organization has identified a requirement for this maintenance report based on business needs and would like more detailed information, please contact:

Canadian Centre for Cyber Security  
Contact Centre and Information Services  
[contact@cyber.gc.ca](mailto:contact@cyber.gc.ca) | 1-833-CYBER-88 (1-833-292-3788)



# TABLE OF CONTENTS

- 1 Introduction..... 4**
- 2 Description of Changes..... 5**
  - 2.1 Description of Changes in the Maintained Target of Evaluation ..... 5
  - 2.2 Affected Developer Evidence ..... 5
- 3 Conclusions..... 6**
- 4 References..... 7**



# 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 Keysight Technologies Vision Series Network Packet Broker v5.7.1 from Keysight Technologies

The process to achieve this under mutual recognition is described in Assurance Continuity: CCRA Requirements, version 3.0, March 2023. 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 Keysight Technologies Vision Series Network Packet Broker v5.10.0, 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.

**Table 1: TOE Identification**

<b>Original TOE</b>	Keysight Technologies Vision Series Network Packet Broker v5.7.1
<b>Maintained TOE</b>	Keysight Technologies Vision Series Network Packet Broker v5.10.0
<b>Developer</b>	Keysight Technologies

### 2.1 DESCRIPTION OF CHANGES IN THE MAINTAINED TARGET OF EVALUATION

The changes in the maintained TOE comprise the following:

- Security fixes to address the following security vulnerabilities in the TOE:
  - CVE-2019-16728, CVE-2020-26870, CVE-2015-9251, CVE-2017-16012, CVE-2019-11358, CVE-2020-11022, CVE-2020-11023, CVE-2022-24785, CVE-2021-44228, CVE-2021-45046, CVE-2021-45105, CVE-2021-44832, CVE-2021-4104, CVE-2023-26048
- Feature enhancements related to the data plane of TOE devices which perform network security and performance monitoring.
- Resolved defects to fix bugs in TOE software.

### 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:

- Security Target (ST)
  - Updated ST version and date
  - Updated TOE version
  - Updated versions for guidance documents
- Vision Series Network Packet Broker Common Criteria Guide
  - Updated guide version and date
  - Updated TOE version
  - Updated related documents section

### 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.

The assurance maintenance of the TOE has been conducted in accordance with the provisions of the Canadian Common Criteria Scheme and the conclusions are consistent with the evidence adduced. This is not an endorsement of the IT product by the Cyber Centre or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by the Cyber Centre or by any other organization that recognizes or gives effect to this certificate, is expressed or implied.



## 4 REFERENCES

Reference
Assurance Continuity: CCRA Requirements, V3.0, March 2023
Canadian Centre for Cyber Security Common Criteria Certification Report, Keysight Technologies Vision Series Network Packet Broker v5.7.1, 04 March 2022
Keysight Technologies Vision Series Network Packet Broker v5.10.0 Security Target, v2.0, 04 December 2023
Vision Series Network Packet Broker v5.10.0 Impact Analysis Report v1.1, 30 January 2024

