



**Swedish Certification Body for IT Security**

# Re-assessment av HSL Secure KVM Combiner Switches

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*Authorisation: Jerry Johansson, Certifier , CSEC*

Swedish Certification Body for IT Security  
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# 1 Introduction

On 2025-Aug-19, an evaluator re-assessment report [ReaR] was submitted to CSEC, as part of a request from High Sec Labs to re-assess the validity of the Common Criteria certificate previously awarded to HSL KVM Combiner consisting of one of the hardware appliances:

TC82PHG-3T 8:2 Secure Combiner,  
TC82PHG-3T 8:2 Secure Combiner Gen II,  
TC162PHG-3T 16:2 Secure Combiner,  
TC162PHG-3T 16:2 Secure Combiner Gen II

with firmware:

44403-E7E7

The process to achieve this under mutual recognition within CCRA is described in Assurance Continuity: CCRA Requirements, CCMC 2024-Feb-29, document version 3.1, unique identifier 015 [AC].

In accordance with [AC], the [ReaR] describes the changes in the Re-Assessed TOE, the threat environment, the developer evidence, the previously known and the new vulnerabilities security impact of the changes to TOE and Environment.

The certification body, CSEC, reviewed the received documentation in accordance.

Re-assessed TOE	
Certification ID	CSEC2019008 (original certification ID)
Name and version of the certified IT product	HSL KVM Combiner consisting of one of the hardware appliances: TC82PHG-3T 8:2 Secure Combiner, TC82PHG-3T 8:2 Secure Combiner Gen II, TC162PHG-3T 16:2 Secure Combiner, TC162PHG-3T 16:2 Secure Combiner Gen II with firmware: 44403-E7E7
Security Target Identification	HSL Secure KVM Combiner Switches Security Target, High Sec Labs Ltd., 2019-09-20, document version 1.0
Assurance package	EAL 4 + ALC_FLR.3
Sponsor	High Sec Labs Ltd.
Developer	High Sec Labs Ltd.
ITSEF	Combitech AB
Certification date	2020-Aug-27

## **2 Assessment**

### **2.1 Description of the Changes**

The TOE has not changed compared to the certified version.

The development environment for the TOE is not changed compared to the certified version. The ALC assessment during the evaluation is still fully valid.

### **2.2 Affected or updated Developer Evidence**

No parts of the developer evidence has been changed.

### **2.3 Vulnerability Analysis**

The result of the review of sources of information publicly available to identify potential vulnerabilities for the TOEs during the evaluation is described in [FER].

No applicable vulnerabilities were identified.

The review of sources of information publicly available were repeated during this re-assessment.

The key words: HSL, High Sec Labs, HSL Secure KVM Switches, HSL KVM Combiner, Secure Combiner, HSL KVM, TC82PHG-3T, TC162PHG-3T, TC82, and TC162), were used in CVE-search at The National Vulnerability Database, <https://nvd.nist.gov/home>, none were found.

An elaborated search was then performed with the keyword:

- KVM Switch, results in no additional vulnerabilities compared to the ones identified during the evaluation.

The TOE is a combined software and hardware TOE, the security features given by the TOE does not have any dependencies to another software or hardware for its fulfillment, and no third-party components are identified. The firmware cannot be updated and an assumption A.PHYSICAL for physical protection is given in [ST]. This gives that it is not motivated to search for known vulnerabilities for internally components for the TOEs.

The recent search was performed 2025-08-19.

The remaining parts of the AVA assessment is still valid and no need for additional penetration test is identified.

### **3 Conclusion**

Since the TOE, development environment, the developer evidence are unchanged, and the assessment of previously known as well as new potential vulnerabilities did not show any applicable vulnerabilities, CSEC concludes that the validity of the CCRA certificate for HSL KVM Combiner, Certification ID CSEC2019008.

## 4 References

ReaR	Re-assessment Report - HSL Secure KVM Combiner Switches Version, 44403-E7E7 (Combitech) 25FMV5616-6
FER	Final Evaluation Report - HSL Secure KVM Combiner Switches Version 44403-E7E7, Combitech AB, 2025-08-19, document version 2.0, 2025FMV5616-4
ST	HSL Secure KVM Combiner Switches Firmware 44403-E7E7 Security Target, High Sec Labs Ltd., 2020-07-17, document version 1.1, 19FMV3575-25
CR	Certification Report - HSL Secure KVM Combiner, CSEC, 2020-Aug-27, document version 1.0, 19FMV3575-26:1
AC	Assurance Continuity: CCRA Requirements, CCMC 2024-Feb-29, document version 3.1, unique identifier 015