



Joint Interpretation Library

JIL Tachograph MS PP Clarification

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1 Introduction

1 This document provides a clarification of the
2 “Common Criteria Protection Profile Digital Tachograph – Motion Sensor (MS
PP), Version 1.0, 9 May 2017, Compliant with Commission Implementing
Regulation (EU) 2016/799 of 18 March 2016 implementing Regulation (EU)
165/2014 (Annex 1C) – certified under certification ID BSI-CC-PP-0093-
2017”

3 The MS PP is intended to specify the Common Criteria IT-security
requirements for a motion sensor of a digital tachograph system in order to
cover the IT-security requirements of Commission Implementing Regulation
(EU) 2016/799 of 18 March 2016 implementing Regulation (EU) 165/2014
(Annex 1C).

2 Objectives

4 The objective of this clarification is to ensure a harmonised application of the
MS PP in order to to fulfill the IT-security requirements of Commission
Implementing Regulation (EU) 2016/799 of 18 March 2016 implementing
Regulation (EU) 165/2014 (Annex 1C).

3 Clarification

5 The MS PP includes amongst others the following non-hierarchical SFRs:

- FPT_PHP.2 Notification of physical attack (with application note 8)
- FPT_PHP.3 Resistance to physical attack (iteration 1 and 2)

6 FPT_PHP.2 requires opening detection with (active) notification as well as
passive detection.

7 Application note 8 is related to FPT_PHP.2 and clarifies that opening detection
with (active) notification is only required in the case that the TOE can be
opened.

8 FPT_PHP.3 Resistance to physical attack (iteration 1 and 2) has to be fulfilled
by the TOE in any case.

9 This means:

10 In any case the TOE shall resist physical tampering attacks to the TSF software
and TSF data and shall provide unambiguous detection of physical tampering
that might compromise the TSF.

11 In the case that the TOE is equipped with an opening mechanisms (e.g. a screw
top), the TOE shall in addition

- provide the capability to determine whether physical tampering with the
TSF’s devices or TSF’s elements has occurred and
- monitor the devices and elements and notify [a paired VU] when physical
tampering with the TSF’s devices or TSF’s elements has occurred.

4 References

- [1] Commission Implementing Regulation (EU) 2016/799 of 18 March 2016 implementing Regulation (EU) 165/2014 (Annex 1C).
- [2] Common Criteria for Information Technology Security Evaluation, Part 2: Security functional components, April 2017, Version 3.1, Revision 5, CCMB-2017-04-002
- [3] Common Criteria Protection Profile Digital Tachograph – Motion Sensor (MS PP), Version 1.0, 9 May 2017, Compliant with Commission Implementing Regulation (EU) 2016/799 of 18 March 2016 implementing Regulation (EU) 165/2014 (Annex 1C) – certified under certification ID BSI-CC-PP-0093-2017”