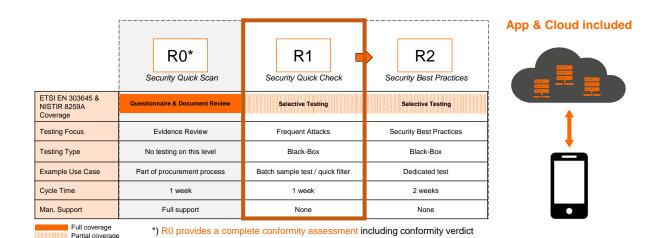


## **DESCRIPTION R1 TEST PROGRAM**



R1 is a test program tailored towards retailers. Retailers usually neither have access to implementation/design details nor to test environments. Typically, they also require quick results of any form of testing done.

The R1 test program provides cyber security testing for batch samples in a black-box setting. In black-box testing, the evaluator is placed in the role of an external adversary with no internal knowledge of the target system. Testers are only provided with public information. R1 focuses on the most frequent attacks applicable to the device category. The scenarios focus on what a person who has access to the same network as the device could do, or attacks against RF protocols in the passing. The results are analyzed by SGS security experts and a technical report is provided.

## R1 is conducted in 3 steps:

- 1. Retailer is providing SGS a spec sheet, user manual and the product.
- 2. Security experts from SGS conduct security tests.
- 3. The results are analysed and summarized in a technical report.

The device-relation to the mobile application and cloud services are also considered during testing.

## **DISCLAIMER**

SGS does not warrant that, even in the case there have been no findings during SGS's security assessments and security tests, the test object as described above has no security flaws.

The test results were found at the time of initial testing and or market surveillance and are indicative to products with the listed Version Number and model identifier. The test results are subject to change should there be any change in the manufacturing processes and bill of material used (Hardware and Software).

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## **HISTORY**

Version	Date	Author	Changes
1.2	Jun 11, 2021	SGS Cybersecurity	Update to R1 description, update illustration
		Services, Graz	
1.1	Mar 2, 2021	SGS Cybersecurity	R0 added in the overview illustration
		Services, Graz	
1.0	Nov 10, 2020	SGS Cybersecurity	Release
		Services, Graz	