

DESCRIPTION R2 TEST PROGRAM

	R0* <i>Security Quick Scan</i>	R1 <i>Security Quick Check</i>	R2 <i>Security Best Practices</i>
ETSI EN 303645 & NISTIR 8259A Coverage	Questionnaire & Document Review	Selective Testing	Selective Testing
Testing Focus	Evidence Review	Frequent Attacks	Security Best Practices
Testing Type	No testing on this level	Black-Box	Black-Box
Example Use Case	Part of procurement process	Batch sample test / quick filter	Dedicated test
Cycle Time	1 week	1 week	2 weeks
Man. Support	Full support	None	None

Full coverage

Partial coverage

*) R0 provides a complete conformity assessment including conformity verdict

App & Cloud included

R2 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 R2 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. R2 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. Furthermore, our experts also analyze adherence to security best practices that support the longevity of the device with regards to the implemented security measures. The results are analyzed by SGS security experts and a technical report is provided.

R2 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 Services, Graz	Update to R2 description, update illustration
1.1	Mar 2, 2021	SGS Cybersecurity Services, Graz	R0 added in the overview illustration
1.0	Nov 10, 2020	SGS Cybersecurity Services, Graz	Release