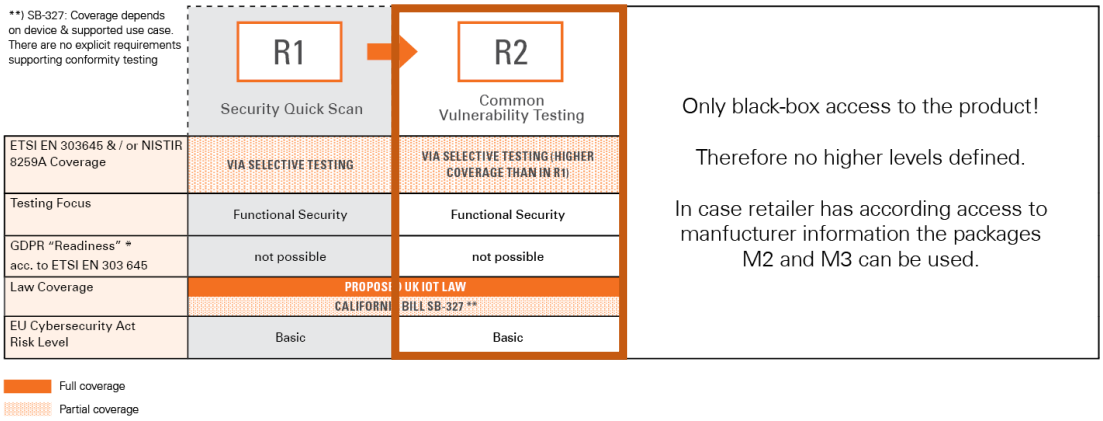
DESCRIPTION R2 TEST PROGRAM



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 provides a quick assessment of common vulnerabilities which are typical for the type of product. These common vulnerabilities usually include password security, secure updates, or authentication mechanisms. The tests are utilizing test automation and vulnerability scanning combined with manual testing. The results are analysed 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.

HISTORY

Version	Date	Author	Changes
1.0	Nov 10, 2020	SGS Cybersecurity Services, Graz	Release