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**Test rating "Secure": successful certification for 6 smart solutions from the ABUS One system world by AV-Test**

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**Wetter/Ruhr, 16 August 2024 – ABUS One is a smart security ecosystem with a wide range of products – and the ABUS One app is the central link. The basic idea behind the system is the digitalisation of the classic locking medium, the key. The smartphone or smartwatch acts as a digital key ring. Six of these products have now been put through their paces – and successfully certified – by the independent testing institute AV-Test in Magdeburg.**

Security is always the top priority for ABUS products. This also applies to the solutions from the ABUS One family. The Magdeburg-based test institute "AV-Test" for IT security, which has been carrying out comparative and individual tests of internationally relevant IT security products for more than 20 years, confirms this: all 6 tested products were successfully certified as "Tested IoT product" and received the test rating "Secure". The products tested were the BRIDGE One Wi-Fi bridge, the KEYGARAGE One key box for temporary storage of keys or cards, the EVEROX One padlock, the CYLOX One smart door cylinder with mechanical inside knob, the LOXERIS One smart door lock for house and entrance doors and the WINTECTO One window drive, which can be used to convert patio doors into a fully-fledged entrance door.

**Security test in various dimensions**

As part of the test setup, the testers took a close look at the communication between the ABUS One app and the cloud, between the cloud and the BRIDGE One and at the products themselves. Attack scenarios, such as replay attacks, were also performed as part of the extensive tests.

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The issue of data protection compliance was also included in the assessment. The testers' conclusion: "Overall, the ABUS One System is also a successful addition to the increasingly digitalised, smart product portfolio from ABUS."

**The technology behind ABUS One**

ABUS SmartX technology forms the technological basis of the ABUS One world. This is a development from ABUS that uses the Bluetooth standard as the basis for communication between devices and digitalises the key in a secure manner. Additional security is achieved by the fact that every ABUS One component is supplied with an ABUS Keycard. This is a physical card with an individual QR code that is required to program the component and provides unique proof of identity that protects against unauthorised access to the components. This is how ABUS transfers the security claim from the physical product to the ABUS One technology.