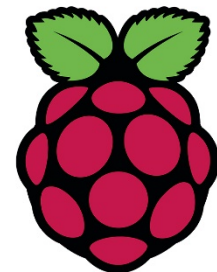


Secure Boot Solution for Raspberry Pi is now also available for CM3+ and 4

Swissbit's secure boot solution for the Raspberry Pi is now also available for the generations CM3+ and 4. You can download the [updated SDK versions](#) directly on the Swissbit website. [Swissbit Secure Boot Solution for Raspberry Pi](#) consists of a PS-45u DP microSD card 'Raspberry Edition' and a software development kit. This ensures protection of the Raspberry Pi bootloader, to encrypt boot & application code (for the protection of licenses), proprietary know-how and intellectual property or to provide write-protection. The Swissbit Secure Boot Solution for Raspberry Pi can be obtained via [Digi-Key Electronics](#).

The Raspberry Pi's low-cost and widely used hardware can contain valuable and protectable data and functions. Swissbit now offers an easy-to-implement security system based on a long-lasting flash memory suitable for industrial applications. This way, hardware-based security functions can be implemented independently of the CPU and with high flexibility – even retrospectively. The [PS-45u DP microSD card 'Raspberry Edition'](#) encrypts the data and allows access only via a flexible configurable authentication function, which unlocks further access to the data carrier in the pre-boot phase. The number of permitted invalid access attempts can be configured.



Users can implement security policies in three different ways: via PIN input, via the USB authentication dongle Swissbit USB-Stick PU-50n DP 'Raspberry Edition', or via a Net Policy Server. In addition, the microSD card can be coupled to the CPU and hence to the specific hardware (pairing). "Devices are becoming smarter, but also more vulnerable," explains Hubertus Grobbel, Vice President Security Solutions at Swissbit. "Users as well as manufacturers need to take greater security considerations into account when operating networked devices. At Swissbit, we offer a unique hardware-based solution for the protection of data and devices – it's completely modular, flexible and easy to retrofit."

The Swissbit Secure Boot Solution is suitable for Raspberry Pi 2, 3B+, CM3+ and 4. With its encryption and security functions, the flexible Swissbit solution protects against unauthorized data access, code

manipulation and IP violations in applications, and ensures the system integrity of Raspberry Pi devices. It is available online through [Digi-Key Electronics](#).

We are looking forward to explaining how you can benefit from our security modules for a universal security solution for Raspberry Pi products. Simply contact us at sales@swissbit.com or call +41 71 913 03 03 (Europe) or +1 978 490 3252 (North America).