

KESO HSM

KESO HSM (High Security Mode) for the KESO K4 Software from version 4.0.40.



The KESO K4 Software from version 4.0.40 ensures more security and convenience with KESO HSM.

The new KESO K4 Software from Version 4.0.40 supports all functions of the KEK Programmer PPG V2.

KESO HSM

The KESO K4 Software from Version 4.0.40 opens up new solutions for the programming and management of mechatronic locking systems. The most important component is the KESO HSM (High Security Mode). This mode brings a new security level to all applications and prevents the misuse of data in programming devices.

More security

With the KESO K4 Software in Version 4.0.40 an existing system key can be reprogrammed into a master key (CMAK = Customer Master Authorization KEY). Only with its authorisation can a maximum of 10 programming keys (PAK = Personal Authorization Key) be set up which allow the programming and the reading of data etc directly via the new KESO KEK Programmer PPG V2. KESO HSM controls all system manipulations via a programming key (PAK). A PAK authorisation can only be granted by means of the Master Key (CMAK). It is advantageous for the customer to keep the master key in a security vault.

More convenience

The KESO K4 Software from Version 4.0.40 includes, in addition to an improved user interface, a hardware identification which, through the CD delivered with the software, immediately recognises new products such as the KEK i-handle.

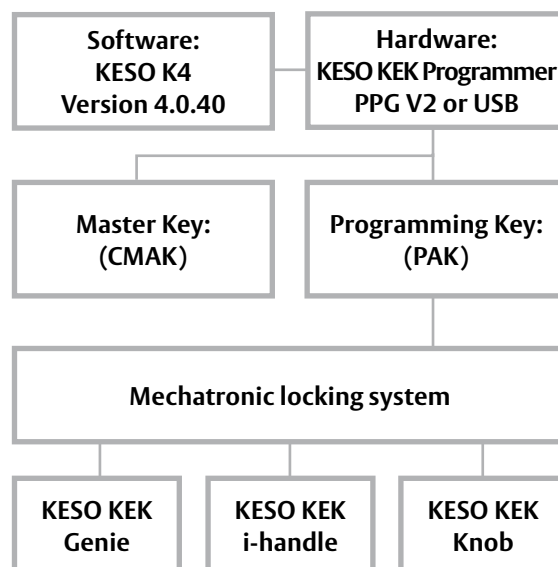
With the KESO KEK Programmer PPG V2, all new features can be transferred onto the key and the electronics. Thanks to the touch screen, user-friendly menu instructions and limitless mobility, the KESO HSM can be programmed quickly and implemented in every system.

Benefits

- Maximum compatibility with KESO KEK Programmer PPG V2
- More security due to CMAK and PAK
- Automatic product identification
- Improved user interface (e.g. authorisation matrix)
- Time-synchronisation with online electronics
- Simplified blocking when key is lost
- Improved search functions
- Up to 8,000 data storage devices per electronic

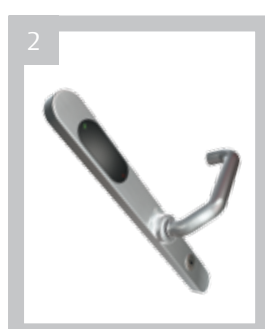
Requirements:

- KESO K4 from Version 4.0.40
- At least two unused KEK-keys
- KEK Programmer PPG V2 or
- KEK Programmer USB (KESO KEK Programmer PPG V1 does not support KESO HSM)
- The activation of KESO HSM requires a reprogramming of all electronics



1. The new KESO HSM functions are transferred with the KESO KEK Programmer PPG V2 to the key and electronics.

2. The mode and data are transferred to the electronics via the interfaces. This also applies to the new KESO KEK i-handle S and HS.



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