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OBID[®] classic-pro readers by FEIG ELECTRONIC support the complete Security functionality of NXP's mifare[®] PLUS tags

The new firmware provides the user with simple functions in order to authenticate against a mifare[®] PLUS transponder as well as for encryption of data when reading and writing. This firmware supports all the features of the chip types mifare[®] PLUS S and mifare[®] PLUS in the security levels SL0, SL1, SL2 and SL3.

Supporting security features of mifare[®] Ultralight C, mifare[®] DESFire and mifare[®] PLUS

FEIG ELECTRONIC extends the existing security functionality for mifare[®] UltraLight C and mifare[®] DESFire with another important component and facilitates the user to implement complex security functions crucially. The new firmware for mifare[®] PLUS follows the successful strategy for years by FEIG ELECTRONIC, enabling the user to handle complex functions of different types of transponder chips as easy as possible. That for a convenient interface for communication with the transponder chips is available without requirement of extensive user know-how of the different processes of communication between transponder and RFID reader.

With the full implementation of mifare[®] PLUS security functions into the firmware, OBID[®] classic-pro readers by FEIG ELECTRONIC support the entire spectrum of security of mifare[®] transponder chips by NXP, without the need for an additional Security Access Module (SAM). Thus the readers represent an inexpensive and high-performance solution compared to a SAM-based reader. They can be used in existing applications without additional hardware expense.

The new firmware is available for several readers of the OBID[®] classic-pro family

The mifare[®] PLUS functionality is available immediately for the new OBID[®] classic-pro reader ID CPR50.10-E with Ethernet interface as well as the OBID[®] classic-pro reader series ID CPR40 by FEIG ELECTRONIC. In addition to the OBID[®] classic-pro Desktop readers CPR40.30 with USB- or RS232 interface, the new firmware can be used also with the reader modules ID CPR40.0x. These reader modules are available in several variants with USB-, RS232-TTL-, RS232C- and Data-/Clock interface, with integrated antenna or to connect with an external antenna.

About FEIG ELECTRONIC GmbH

FEIG ELECTRONIC is a German, worldwide leading manufacturer of RFID reader systems.

OBID[®] readers are in use worldwide – they are developed, manufactured and distributed by FEIG ELECTRONIC worldwide.

OBID[®] readers are developed according to public RFID standards, in very closed collaboration with every leading manufacturer of transponder chips.

OBID[®] readers are available for all common frequencies as LF, HF and UHF.

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