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Embedding ideas

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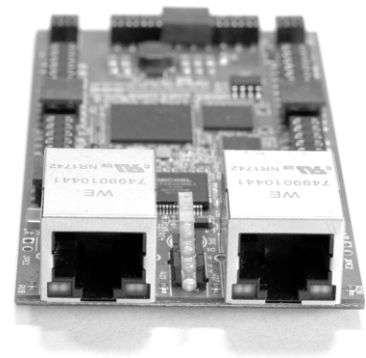
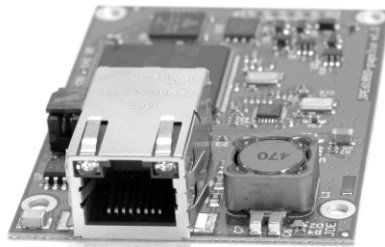
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HARDWARE PROTOCOL CONVERTERS

When the integration of an external software communication library is not an option for the customer, hardware modules might be the fastest way of plugging the IED deployed in the field into e.g. IEC 61850 network.

Our offering includes a range of protocol converters. They could be used as standalone devices with housing, mounted on din rail or a PCB integrated within customer product. Depending on the module type, feature set, and quantities the price of a single module could start at 99 EUR.



PAPILIO

APIS

MCU	STM32F7 (216MHz)	STM32F7 (216MHz)
Memory	8MB SDRAM 2MB Flash 4KB EEPROM	16MB SDRAM 16MB Flash 4KB EEPROM
Operating System	FreeRTOS	FreeRTOS
Ethernet ports	1	2
I/O ports	UART x1	UART x2 CAN x2 SPI x2 I2C x2 SDIO USB GPIO x32 1 PPS
Protocol conversion (Any to any)	IEC 61850 DNP3 MQTT ModbusRTU ModbusTCP IEC 60870-5-103	IEC 61850 DNP3 MQTT ModbusRTU ModbusTCP IEC60870-5-103 Custom protocols
Redundancy	no	PRP
User App	Drosera App	