

TRAINING

## SUCCESS STORY

### Learning, testing and simulating

The following case study is not a success story in the classic sense, as it does not celebrate the success of our Revolution Pi in practical industrial use. Rather, it starts one step before: How do we acquire RevPi knowledge? How do we become experts?

Both in training, apprenticeships and studies, and later in the working environment, it is essential to be up to date with the latest technology. This means that universities, technical colleges, educational institutions and training centers in particular are faced with immense challenges. But each individual is also in demand to take the initiative. One way of acquiring knowledge is through training with special learning boards.

**Pfeiffer-IT GmbH** is, among other things, a specialist in the field of PLC training and education systems. The offered systems are highly flexible, modular and ready to start immediately. They support all common PLC controllers on the market in the preferred development environment as well as a wide variety of network protocols.

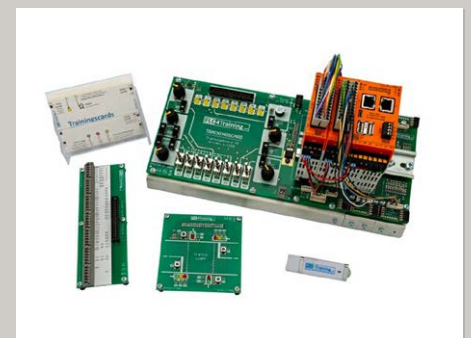
The PLC training boards contain training cards, didactic task descriptions and sample solutions. The visualized tasks help to better understand the PLC programming and to ensure success in learning. The sensors and actuators of the didactic exercises are schematically connected to the inputs and outputs of the PLC controller.

The PLC training boards are available for many small controllers, including

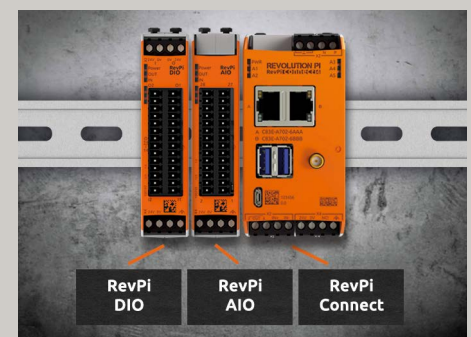
Revolution Pi. The RevPi training board is ideal for anyone who is in RevPi (Raspberry Pi) and CODESYS education or training. For this purpose, a CODESYS program is transferred to the RevPi. This means that every program function can now get simulated and tested in detail on the board with a wide variety of sensors and actuators. The exercises with training/learning cards included in the scope of delivery support the process from the creation of a program to the testing and checking of the individual functions. The available sensors can be switched on or off on the RevPi training board as required. A total of eight pushbutton/locking switches and two analog value transmitters (0-10 Volts) are available as sensors. Eight LEDs and a buzzer are used as actuators.

The field of application ranges from school to vocational training or advanced training, university studies or use in the PLC training. The training boards can also be used autodidactically via "learning by doing".

The RevPi training board is suitable for RevPi Connect with the expansion modules RevPi DIO and RevPi AIO. The RevPi modules are not included in the scope of delivery. The training boards are also available as SETs with different system models.



### Modules used



The modules are not included in the scope of delivery and must be ordered separately.

## REVOLUTION PI

Web [revolutionpi.com](http://revolutionpi.com)  
E-mail [info@kunbus.com](mailto:info@kunbus.com)



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