The intelligent key allows you to determine:

Who changed your machinery. **What** the authorized person changed. **When** something was changed.

Security – Simple Handling – Flexibility.

You know the problem:
The key exists more than once, everybody knows the password, the production parameters are being changed continually – but no one has done it.

Increased security.
KeyPilot is person-related and secure against forgery because each key chip has a unique ID worldwide. Consequently, you can assign authorizations individually, restricted with regard to location and time.

The automatic logging of all accesses and actions in an electronic logbook finally makes it possible for you to track who changed what and when.

Low effort.
The setup software (KeyPilot manager/KeyPilot organizer) provides you with an uncomplicated management of the authorizations.

As KeyPilot administator, you can perform the following tasks for the complete machinery from your desk:
· Make configurations
· Manage users
· Assign user rights
· Assign new keys
· Lock any lost keys easily and reliably
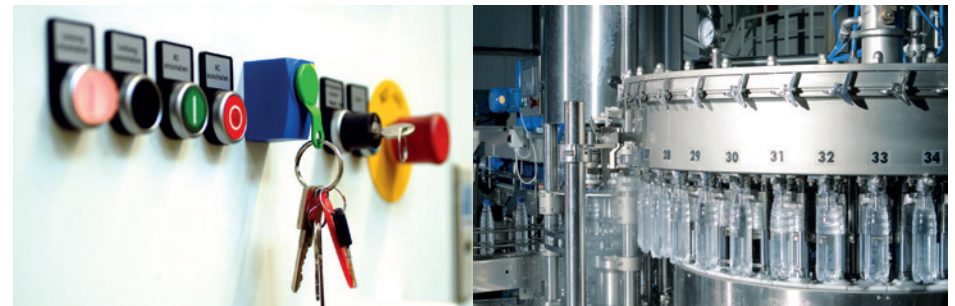· Access the electronic logbook

More flexibility.
Irrespective of whether you deploy networked control systems in your machinery or operate your machines standalone – the KeyPilot system can be easily integrated, even in existing machinery.

Its reader unit fits in the standard dimensions of operator panels and the system integration is made via an open protocol interface.
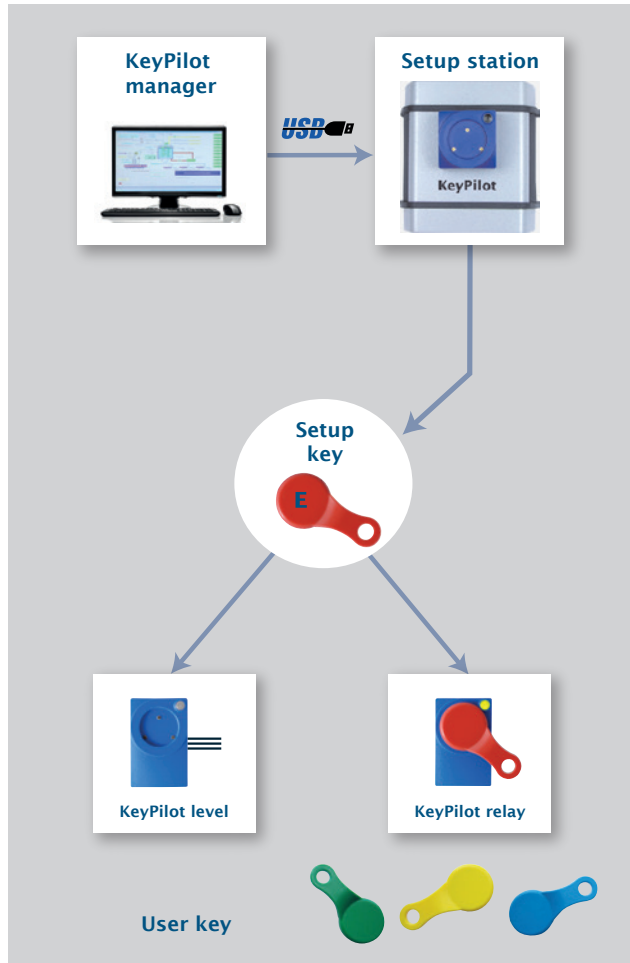
The KeyPilot is manufactured from robust material. It not only withstands harsh operating conditions without problem, but also aggressive cleaning agents and steam.

Its compact construction without slots and undercuts makes its surface easy to clean. The formation of germs is so suppressed effectively.
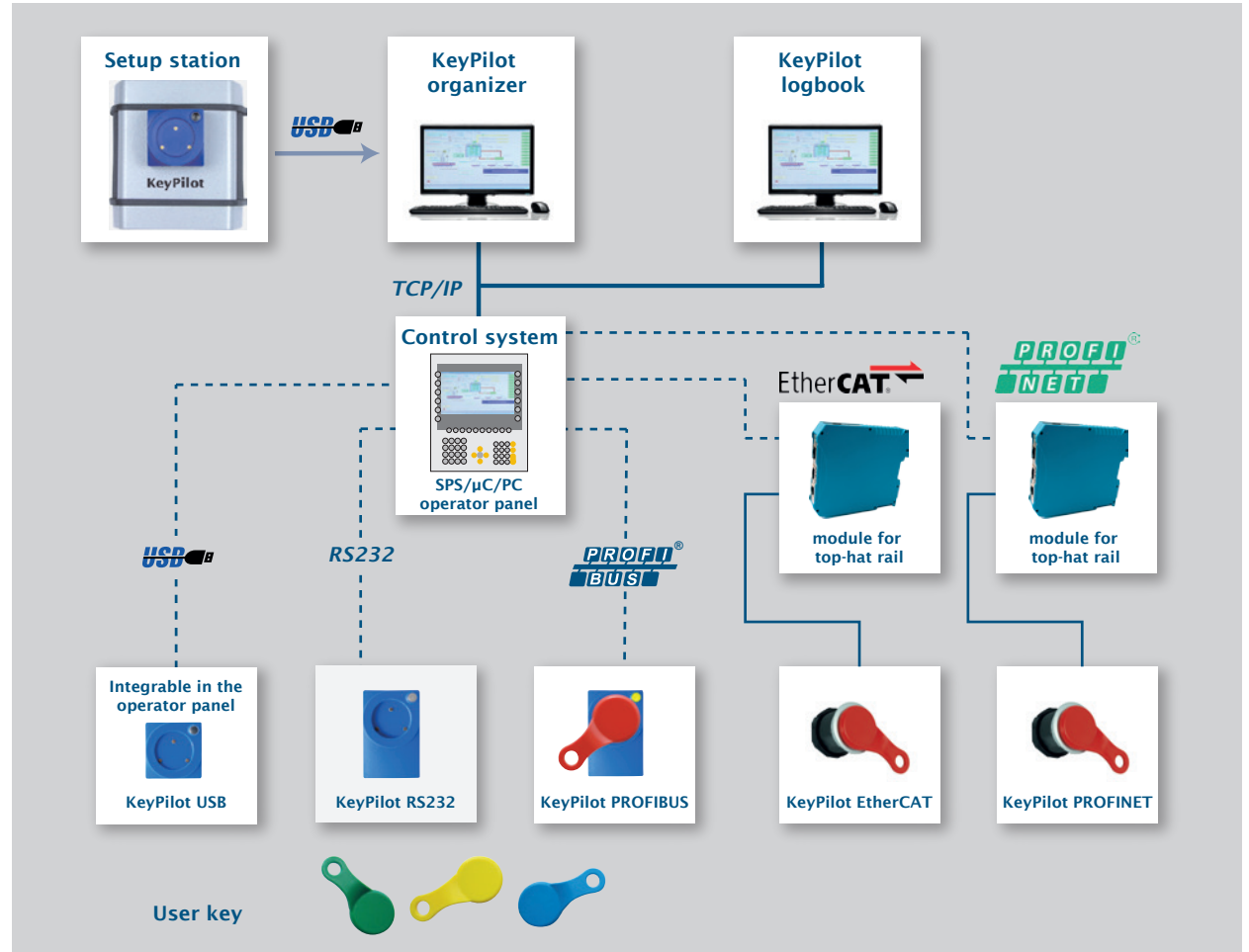
How KeyPilot protects your machinery.

Standalone operation

KeyPilot manager

USB

Setup station

KeyPilot

Setup key

E

KeyPilot level

KeyPilot relay

User key

Networked system

Setup station

KeyPilot

USB

KeyPilot organizer

KeyPilot logbook

TCP/IP

Control system

SPS/µC/PC operator panel

EtherCAT

PROFI NET

module for top-hat rail

module for top-hat rail

USB

RS232

PROFI BUS

Integrable in the operator panel

KeyPilot USB

KeyPilot RS232

KeyPilot PROFIBUS

KeyPilot EtherCAT

KeyPilot PROFINET

User key

Possible field of application.

· Industrial manufacturing facilities
· Food processing and packaging industry
· Laboratories and clean rooms
· Machine tools, construction machines and vehicles
· Mobile devices
· Pharmaceutical production – support for the implementation of the
  FDA directive 21 CFR Part 11

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Member of SysDesign-Group

SysDesign

The variants.

USB	for connection to PCs and PC-based operator panels
RS232	for connection to a serial COM interface

PROFIBUS for integration in a PROFIBUS DP system
EtherCAT module for top-hat rail, also with round read head
PROFINET module for top-hat rail, also with round read head

Relay	for deployment as potential-free standalone switch
Level	with three digital outputs – a maximum of seven authorization levels can be defined

Support for the integration.

When required, our software developers support you with the integration in your machinery.

Customers who already deploy KeyPilot successfully.