NEWS

INNOVATIVE PRODUCTS FOR
SAFE PROCESSES – WITH NO COMPROMISES

EtherNet/IP™

CIP Safety™

PROFINET

PROFIsafe

EtherCAT®

Safety over **EtherCAT**®

EUCHNER
More than safety.

GOOD NEWS!

Discover our innovations and take your production systems to the next level.
Our new products and logical developments make it easier than ever to protect employees
and machines. With intelligent technology, easy integration, and the highest standards of reliability,
they ensure that processes function smoothly.

EKS2 – THE LATEST GENERATION OF THE KEY SYSTEM

The new generation of products is a logical development of the successful EKS system and has many advantages in terms of digital access control and the selection of a safe operating mode.

BENEFITS FOR YOU:
- Simple selection of a safe operating mode on the touch panel
- PL e – the highest safety level in accordance with EN ISO 13849-1
- PROFINET connection with integrated RT switch for inclusion in your control environment
- Minimal programming as a result of project templates with predefined functions and data fields
- Simple implementation of security standards for data handling and the assignment of rights
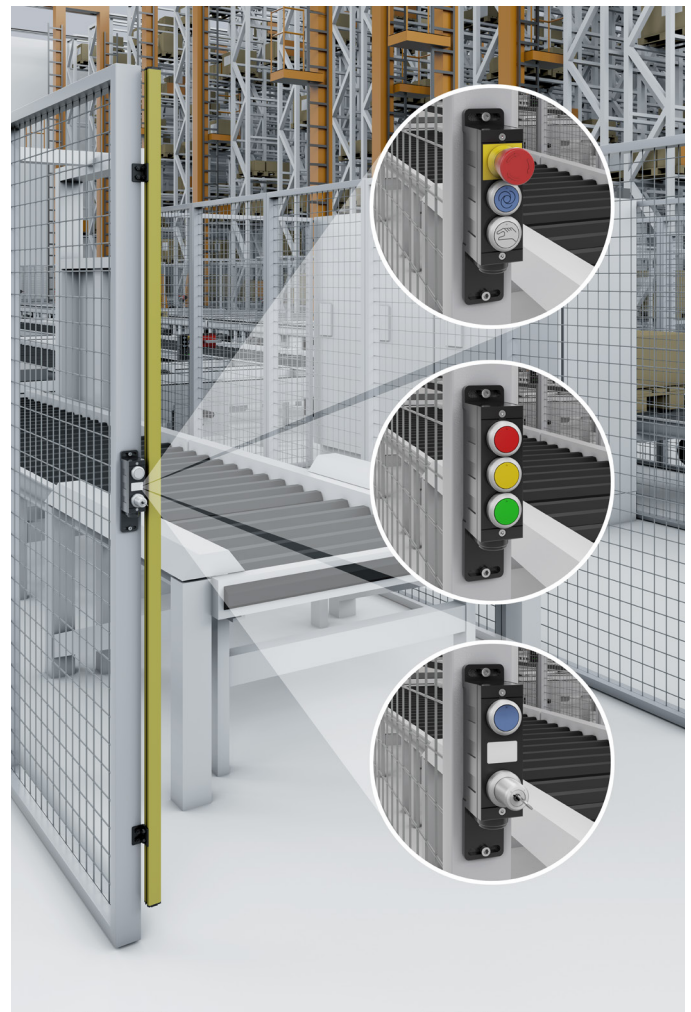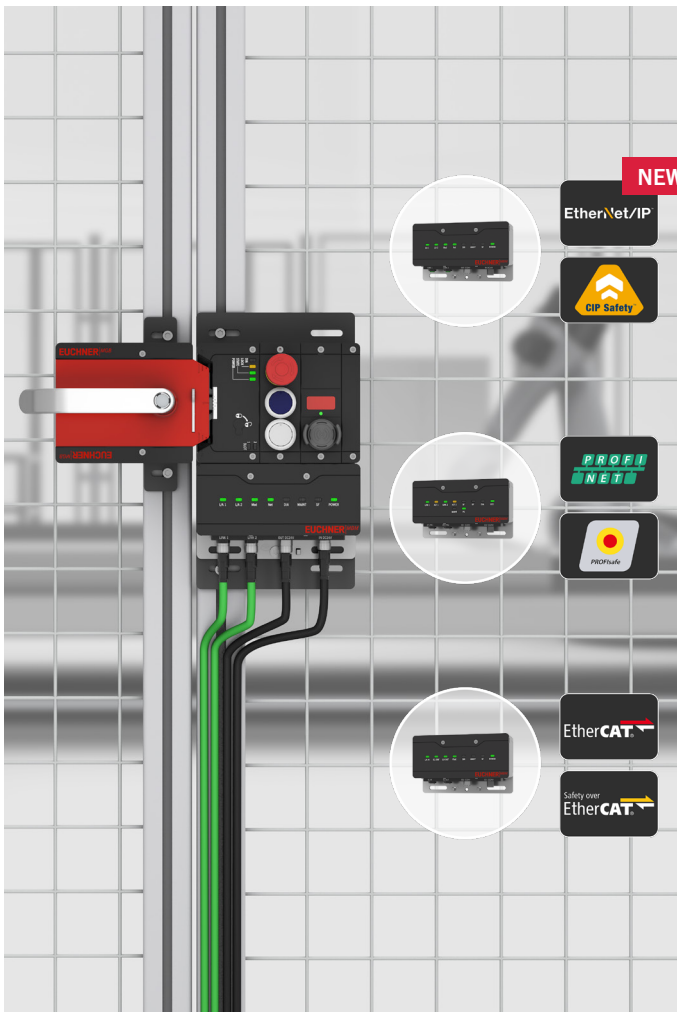
EKM2 – WRITING AND MANAGING KEYS

The combination of the compact EKS2 programming station with a USB-C port and user-friendly EKM2 software makes key management easy on a standard PC.

BENEFITS FOR YOU:
- Templates ready for immediate use
- Templates that can be adapted to your application
- Integrated key database makes management easy
- Simple to update so that you always have the latest version

EXPERIENCE THE EKS2 INTERACTIVELY

MGB2 *MODULAR* – NEW NETWORKING OPTION FOR ETHERNET IP / CIP SAFETY

EUCHNER expands its successful MGB2 portfolio and now offers connectivity to all established fieldbus systems. In addition to PROFINET / PROFIsafe and EtherCAT (P) / FSoE, the bus module is now also available for EtherNet/IP / CIP Safety.
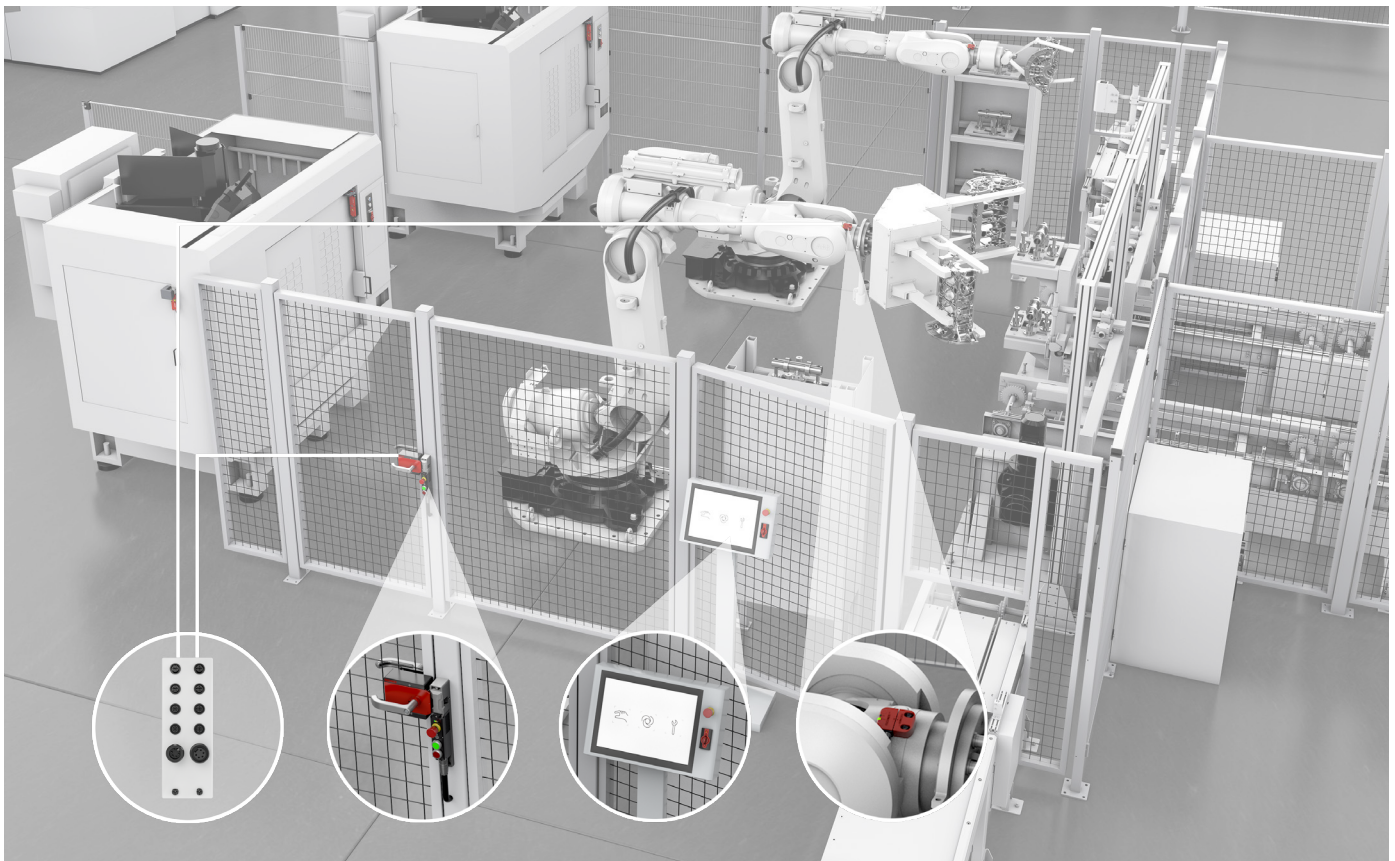
BENEFITS FOR YOU:

- ❯ Flexible expansion and quick configuration for effortless adjustment to suit your requirements
- ❯ Extremely robust, even at temperatures as low as -25°C
- ❯ Provides the highest possible level of safety (cat. 4 / PL e / SIL3)
- ❯ Compatible with all common control systems
- ❯ Simple diagnostics via the integrated web server

MCM-X - HIGHLY FLEXIBLE SOLUTION AS A DECENTRALIZED OPERATING STATION

The MCM-X control module combines immediate readiness for use with a high level of flexibility and can easily be integrated into a wide range of installation concepts.

BENEFITS FOR YOU:

- ❯ Ready to use with its integrated housing and variants with plug connectors
- ❯ Slim, compact design for use in the smallest installation spaces
- ❯ Flexible thanks to the individual configuration with versatile submodules and a large variety of control elements

Standardized interface   **One data block for all signals**   **Diagnostic data and warnings**   **Safe transmission of the actuator ID**
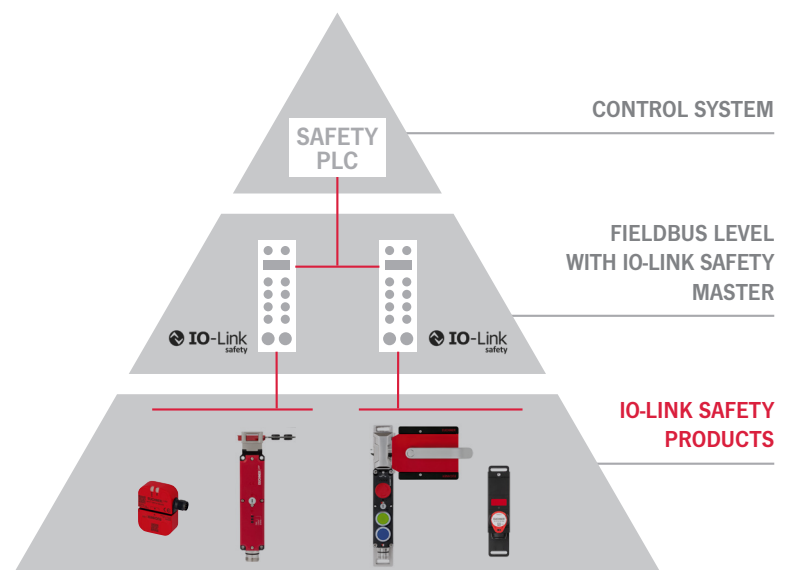
IO-Link safety

SAFE CONNECTIONS - SAFETY SWITCHES WITH IO-LINK SAFETY

EUCHNER has combined its proven, robust safety components with the benefits of safe communication via IO-Link Safety. Thanks to comprehensive data availability, the products offer you simple installation, maintenance, and device replacement.

BENEFITS FOR YOU:

- Safe identification and transmission of the actuator ID and key data (SIL3 / PL e)
- Standardized interface for switches, guard locking and safety door systems
- Reduction in planning and installation effort
- Fewer switch variants as a result of the flexible adjustment of the coding level via the IO-Link setup
- Simple device replacement
- Detailed status and fault diagnostics in real time

SAFETY PLC

CONTROL SYSTEM

FIELDBUS LEVEL WITH IO-LINK SAFETY MASTER

IO-Link safety   **IO**-Link safety

IO-LINK SAFETY PRODUCTS

SPOTLIGHT!

We consistently put the emphasis on the safety of your employees and installations and support you with our expertise in everything you do. With the smart CKS2 key system and the MGB2 *Modular* safety door system, we shine the spotlight on the very latest safety solutions for intralogistics and on our proven Safety Services for you.

CKS2 KEY SYSTEM

- All-in-one: the intelligent key system with integrated personal key for maximum safety
- Up to 65,536 different key codes with just one RFID key and one item number
- Lost key? No complicated replacement needed – just teach-in a new key

MGB2 *MODULAR*

- Flexible expansion and quick configuration for effortless adjustment to suit your requirements
- Suitable for conventional wiring and fieldbus systems
- Door opening direction can be easily adjusted

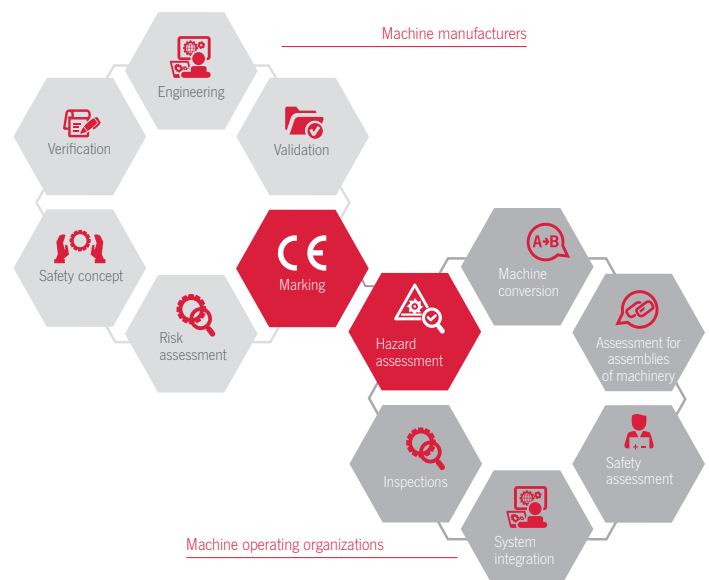### THE INTRALOGISTICS-DREAMTEAM

The integration of a key system and door locking mechanism in one single solution is the perfect combination for your automated warehouse.
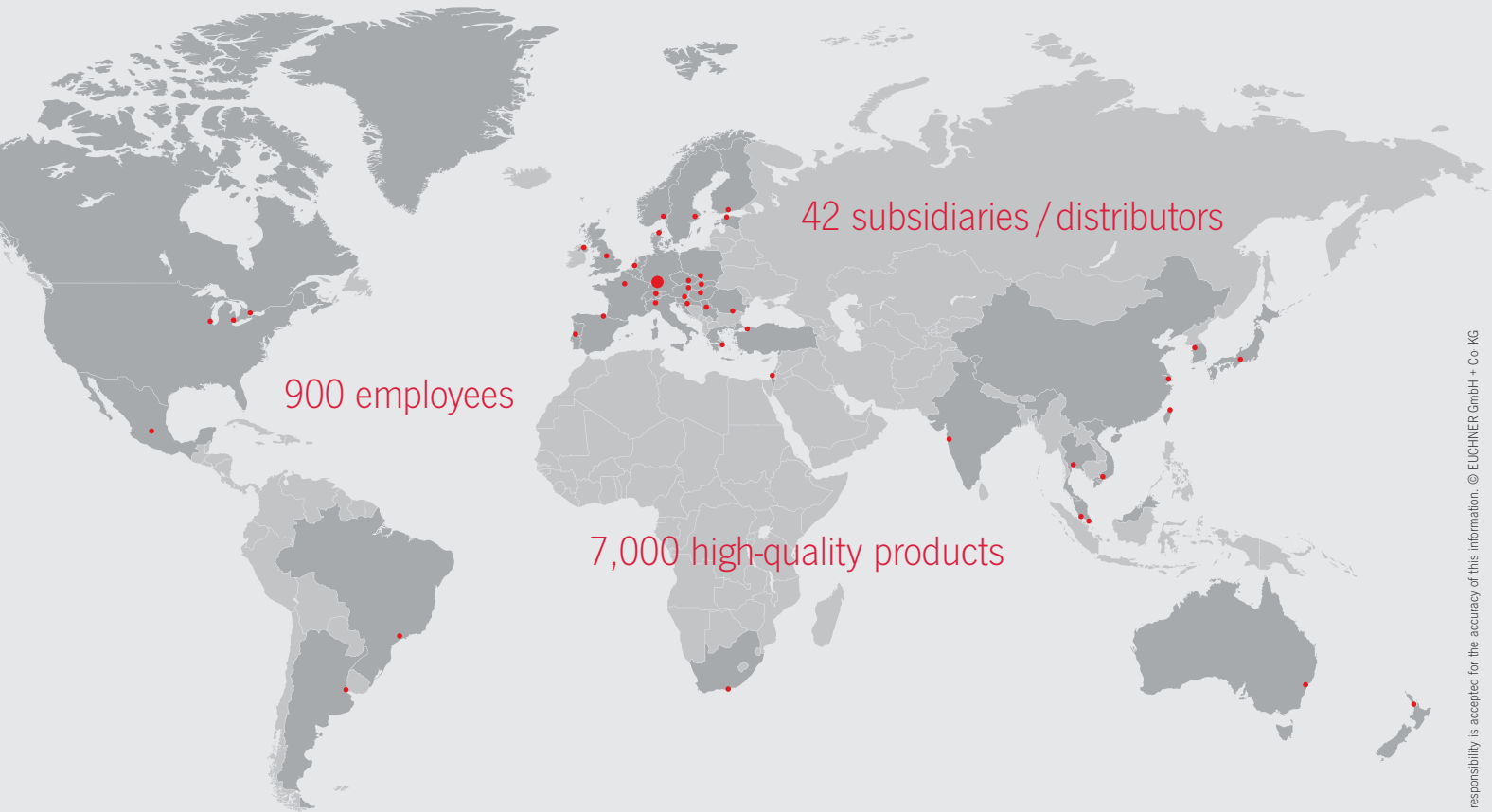
SAFETY SERVICES

Machine manufacturers and operating organizations must comply with European directives, as well as national and international standards. At EUCHNER Safety Services, we provide professional solutions to support you with any machinery safety issues you may have – wherever you are in the world.

BENEFITS FOR YOU:

- Compliance with the statutory requirements in all the life stages of machines and installations
- Safety engineering with conversion and retrofits, plus legally compliant documentation
- Tests and inspections to ensure the safety of machines during their entire service life

Machine manufacturers

Engineering
Verification
Validation
Safety concept
Marking
Machine conversion
Risk assessment
Hazard assessment
Assessment for assemblies of machinery
Inspections
Safety assessment
System integration

Machine operating organizations

A CLOSE WORKING RELATIONSHIP – LITERALLY!

42 subsidiaries / distributors

900 employees

7,000 high-quality products

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