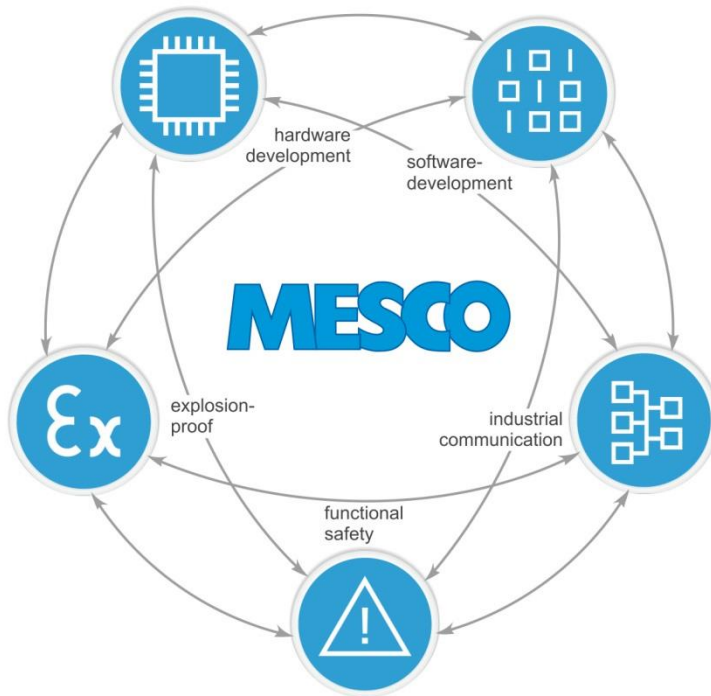


MESCO Core Competencies



MESCO can be your partner for innovative product development services for Factory and Process Automation.

We are experts in hardware and software design for Functional Safety, Explosion-proof, and Industrial Communications.

Our qualified engineers and technicians use their expertise for your mission. Customer relationships, flexibility, technical competence, and cost awareness are our strengths. MESCO Engineering has certified development processes and full accreditation as a fieldbus competence center.

We develop for you!

Please have a look at our detailed datasheets that will provide you with additional information about MESCO's fields of activities.

...where ideas turn into success!

FOCUS

Boston Office

- Consulting / Requirements
- Functional Safety, Motion Control
- IO-Link Products & Services

Areas of Expertise

Functional Safety

- Safety Concepts, Requirements Specs
- Design of Safety-related Electronics and Software
- IEC 62061, IEC 61511
- IEC 61508 (SIL2/SIL3), EN ISO 13849
- IEC 61784 Communication Profiles
- Certification Support

Explosion-proof

- Electronic Design (Ex ia, ib, ic)
- Support for International Approval according to IECEx, ATEX, FM, CSA

Industrial communications

- EtherNet/IP™, CIP Safety™
- PROFINET, PROFI-safe, PROFIdrive
- EtherCAT, FSoE
- IO-Link, IO-Link Safety
- HART, FOUNDATION™ fieldbus
- OPC (Classic & Unified Architecture)
- Pre-certification Testing

Electronic development

- Analog and Digital Technology
- Explosion-proof Designs
- PCB Design Schematics / Layout
- Board Prototyping
- EMC Laboratory (CE)

Software development

- Industrial Ethernet Technology
- Embedded Software
- Measurement Algorithms
- Signal Processing