



MESCO Core Competence



MESCO is your partner for electronic and software development in the area of process and factory automation. Our core competence is the development of Remote I/Os and field devices. In addition we offer the following services: connection on field buses, consideration of explosion-proof and Functional Safety according to IEC 61508.

Qualified engineers and technicians use their know-how for your mission. Customer proximity, flexibility, technical competence and cost awareness are our strengths. MESCO Engineering is a fully accredited fieldbus competence center.

Please have a look at our detailed datasheets, which give you more information about MESCO's fields of activities.

Focus

Development of

- Field devices
- Remote I/Os / Option boards
- Gateways

Areas of Expertise

Electronic development

- Analog circuit technology
- Digital technology
- Low power / Ex designs
- Schema / Layout
- Prototyping
- EMC laboratory (CE)

Software development

- Embedded software
- Measurement algorithms
- Signal processing
- Fieldbus technology

Industrial communication

- PROFIBUS, PROFI-safe, PROFIdrive
- PROFINET
- HART
- Modbus
- IO-Link
- Certification in fieldbus laboratory

Functional Safety

- Development according to IEC 61508 (SIL2/SIL3), EN ISO 13849, IEC 62061, IEC 61511
- EC Machinery directive
- Safety concepts
- Support for certification

Explosion-proof

- Electronic development (Ex ia, ib, ic)
- Support for international approval according to IECEx, ATEX, FM, CSA

...where ideas turn into success!