

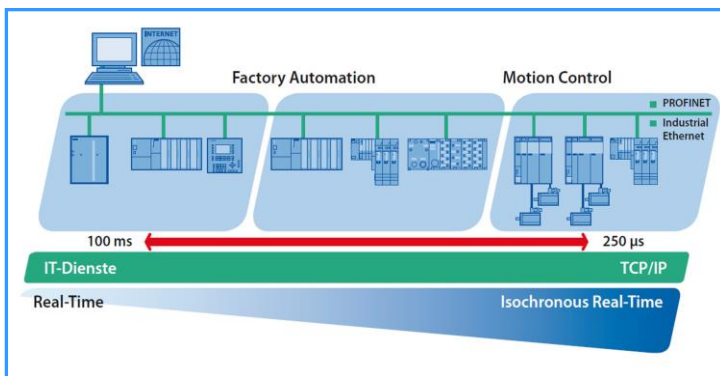


## PROFINET – Development Services



### Overview

PROFINET IO is a standard adopted by PROFIBUS & PROFINET International relating to the communication of IO controllers with IO devices. The technology is based on the Ethernet as the communication medium and serves the purpose of transferring IO data, parameters, alarms etc.



### Competence

MESCO stands out as an expert for PROFINET, PROFIsafe, PROFIdrive and PROFIBUS PA. Because of our membership in several leading organizations and based on our long term experience in developing fieldbus components MESCO offers the know-how which will be reflected in your products.

MESCO develops your PROFINET product according to the state-of-the-art: from consulting, via requirement specifications for implementing Ethernet hardware and PROFINET software and ending with certification support.

### Highlight

- Modular concept for products which support several communication types

### Services

- Technology consulting and drawing up of requirements specifications
- Hardware and software development of industrial Ethernet-communication boards with PROFINET RT, IRT
- Ethernet solutions for supporting several industrial Ethernet dialects
- Gateway developments
- Equipment tests in our Competence Center fieldbus laboratory
- Support in certification
- MESCO PROFINET IO Hardware Design Package as a perfect solution for integration of client-specific PROFINET functionality in your product

### More services regarding functional safety

- Development of Safety Requirements Specifications (SRS)
- Client-specific hardware and software development according to IEC 61508 (SIL2/SIL3), EN ISO 13849
- Integration of safe communication via PROFIsafe
- Support in PROFIsafe certification and safety certification by TÜV or IFA