

PROFIBUS

MESCO

PROFIBUS DP

PROFIBUS PA

PROFdrive

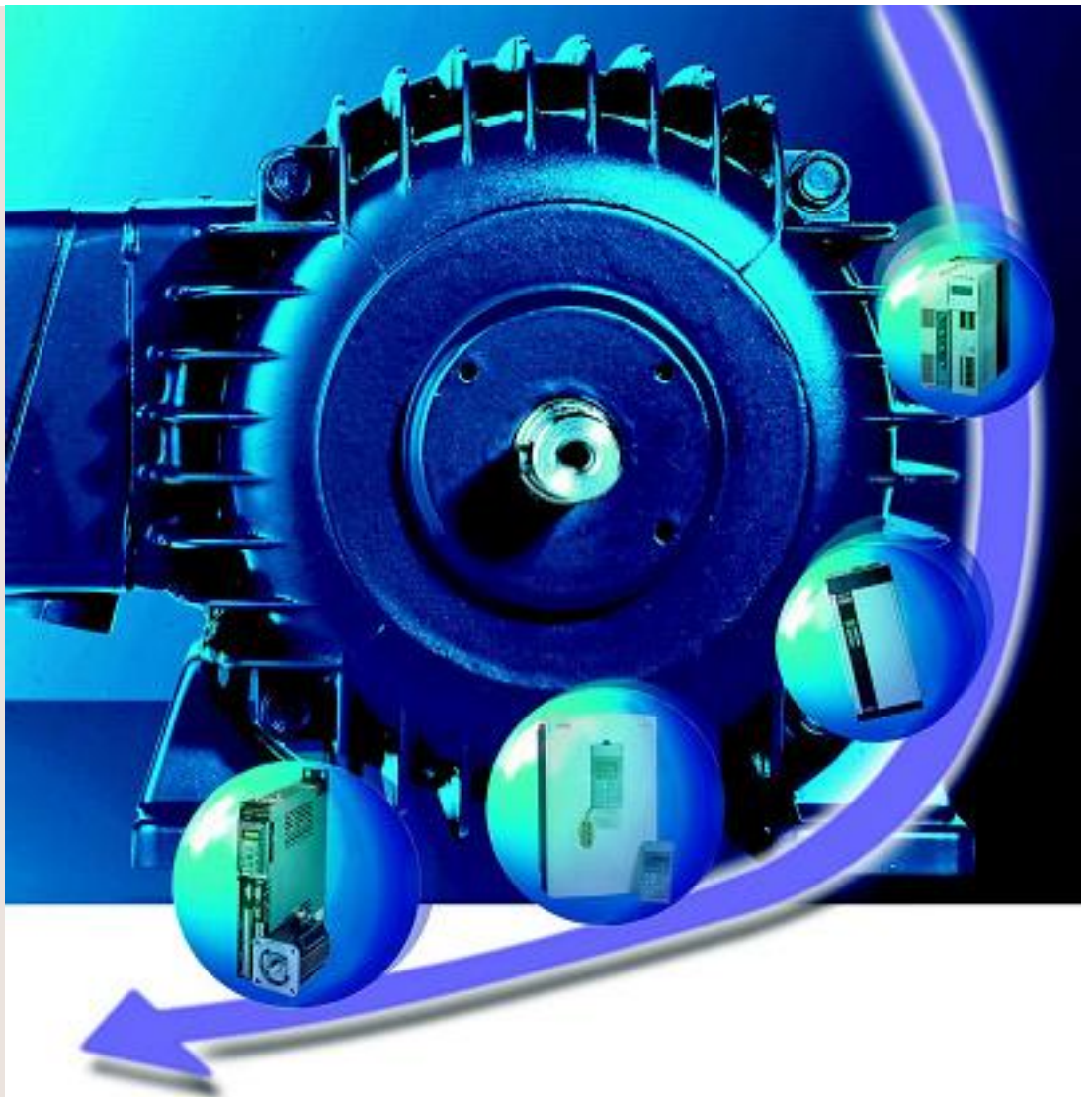
PROFINET

PROFIsafe

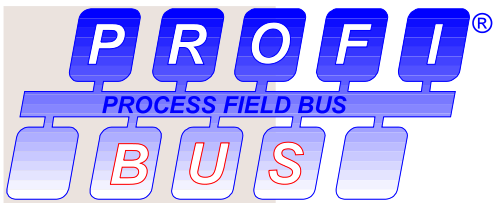
Know-how

Testcenter

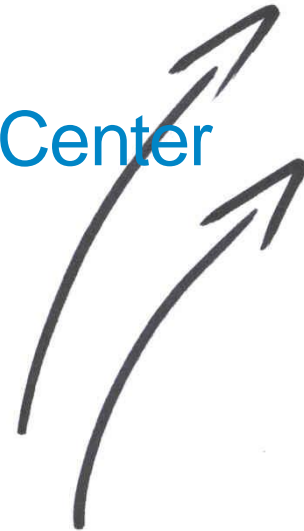
Contact



PROFIBUS by professionals!



Competence Center



As a PROFIBUS Competence Center, MESCO Engineering offers a comprehensive range of service around the PROFIBUS, including consulting, hardware and software engineering, tooling and seminars.

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Certificate for a PI Competence Center

PI confirms that

**MESCO Engineering GmbH
Markus Knössel
Wiesentalstr. 74
79539 Lörrach
Germany**

*is a fully accredited
PI Competence Center for PROFIBUS.*

*This certificate is granted according to the Quality of Services
Agreement for PI Competence Centers and is valid for 2 years,
i.e. until 31.12.2007.*



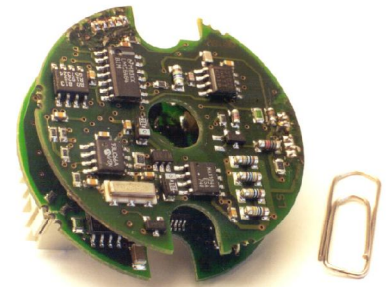
Nürnberg, November 25, 2005
Chairmen of PI


(Edgar Küster, Chairman)


(Michael J. Bryant, Deputy Chairman)

Made by

MESCO
Engineering



PROFIBUS is an independent and open fieldbus standard for a wide range of applications in the fields of manufacturing, processing and building automation. The protocol, which is standardized according to EN 50170, is particularly suitable for fast and complex communication. By means of application-specific profiles, PROFIBUS can be used for virtually all tasks and therefore offers a high degree of availability and investment protection.

MESCO

PROFIBUS DP

PROFIBUS DP has been specifically developed for communication between automation systems and decentralized peripheries (DP). The profile is optimized as regards speed, efficiency and low connection costs. PROFIBUS DP is the ideal solution for standard 24 V data transfer in the manufacturing industry.

PROFIBUS PA

PROFIBUS PA has been designed for process automation applications. It allows for the connection of sensors and actuators located in areas where there is a risk of explosion.

PROFIdrive

PROFIBUS PA caters for data communication and power supply over a joint bus using 2-wire technology according to the international IEC 1158-2 standard. PROFIBUS PA has been developed in close cooperation with users in the processing industry (NAMUR).

PROFINET

PROFIdrive caters for applications in connection with decentralized automation systems in the the field of power transmission technology. The extended PROFIBUS functionalities (DP-V2) cater for the synchronization of digital servo drive systems and the management of highly dynamic bearing control circuits over the fieldbus. With PROFIdrive, operators can control more than 12 synchronized drives in one bus cycle.

PROFIsafe

Know-how

PROFINET is an open and comprehensive concept for the vertical integration of PROFIBUS. It allows for direct access from Office applications to the process and automation systems and the field level. The use of IT and Ethernet standards with transparent PROFIBUS access is in line with the trend towards increasingly modular designs that are dominating intelligent automation systems.

Testcenter

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PROFIsafe fulfills all technical requirement for fully decentralized solutions in the field of safety technology. PROFIsafe eliminates the need for special fieldbuses and allows for safety-relevant automation solutions over the standard PROFIBUS. Operators benefit from simpler cabling, a uniform electronic design and consistency as regards specific parameterization and remote diagnosis. PROFIsafe sets news standards in safety technology.

Know-how

The MESCO- Team team has the necessary know-how:

- % Development of complete PROFIBUS-products
- % Solutions for PROFIBUS with profile integration
- % Development of intrinsically safe field equipment with PROFIBUS PA profiles
- % Production of interfaces for PROFIBUS DP and PA
- % Creation of GSD and EDD files

Avail of our experience for your solution!

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MESCO Engineering GmbH offers interoperability tests at on the company's own multivendor unit. Our clients have the option to test their PROFIBUS devices for compatibility with systems from a wide range of manufacturers. For this purpose, clients can rent our presentation room and avail of the support by MESCO development engineers, if required. We also offer support and consulting in connection with PROFIBUS tools such as masters, bus monitors and parameterization utilities.

MESCO
Engineering

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