

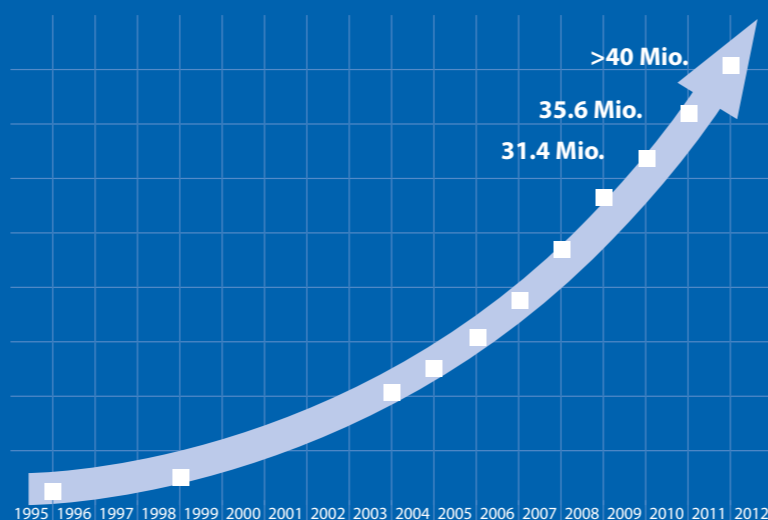
This is why PROFIBUS is the number one fieldbus

Easy handling PROFIBUS is based on modularity and standards – you benefit from ease of use and highest flexibility. The consistent communication protocol combines continuous, discrete, and safety-related processes on the same bus. This eliminates the need for separate systems.

Highest efficiency Process efficiency requires a high level of plant availability. Consistent redundancy ensures uninterrupted operation. Diagnostic messages from the devices and the bus are supplied in addition to important process values. They provide information about the current plant status and enable timely intervention. The result: higher availability, less maintenance!

Proactive plant management PROFIBUS enables proactive management over the entire lifecycle of your plant. When more advanced device technology is to be deployed, plant operation must not be interrupted when installing the new devices. The solution: Starting in profile 3.02, new devices can adopt the functionalities of predecessor versions. In this way plant operation is not interrupted, and the additional functions are integrated during the next maintenance phase.

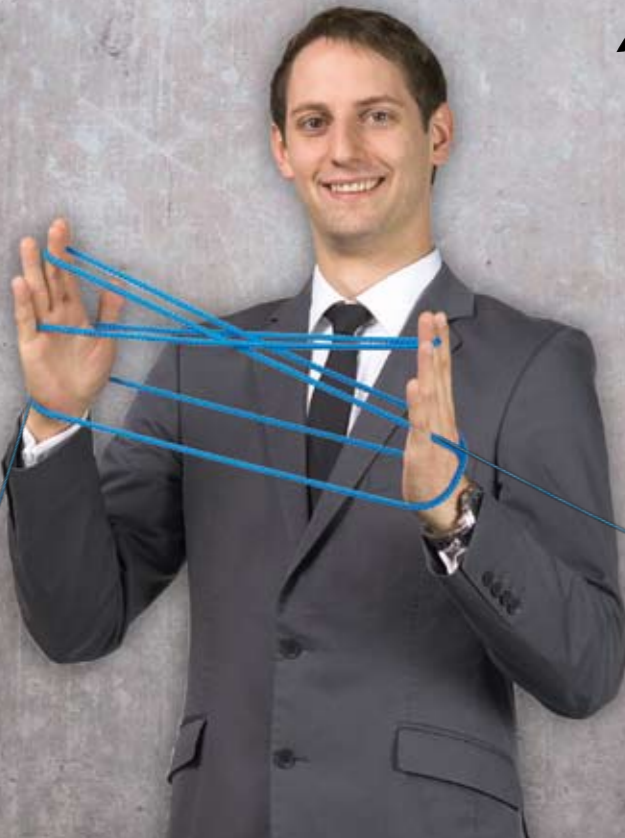
Open for innovations PROFIBUS is innovation: The high orientation toward customer requirements and the constant exchange with national and international committees lead to continuous advancement and improvement of the technology.



PROFIBUS – the world's leading fieldbus: easy, flexible, consistent

PROFIBUS & PROFINET International (PI)
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PROFIBUS is easy ...



“The reason why PROFIBUS is so successful worldwide is that every day, this fieldbus proves itself and pays off. The decision for PROFIBUS is the decision for usability, flexibility, and security.”

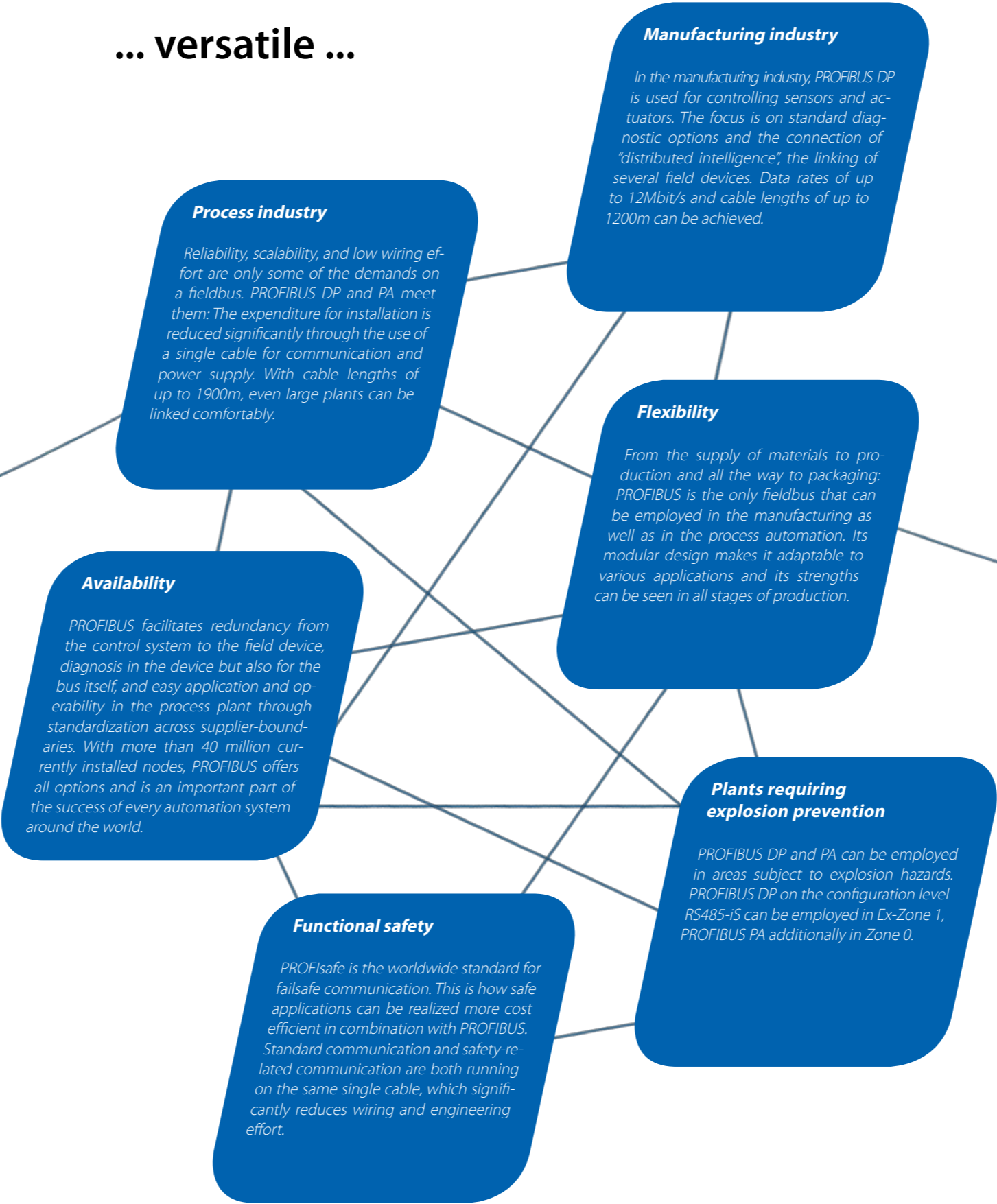
Steffen Ochsenreither,
Endress+Hauser Process Solutions AG,
Marketing Manager Fieldbus,
PI, Head of PROFIBUS PA Marketing

The process and the manufacturing industry have very high demands on the productivity and efficiency of automation systems. Apart from their availability it is the reliable interplay of all systems and components in particular that ensures their profitable operation.

This is what you achieve with PROFIBUS. Communication via PROFIBUS enables the shift of ever more intelligence into the field devices – either through high-performance diagnostic functions for the improvement of the plant’s availability or through integrated safety functionality for the cost-efficient implementation of legal safety requirements.

Its unique usability, flexibility, and consistency made PROFIBUS the most successful fieldbus. More than 40 million nodes in process and manufacturing industries all over the world are an impressive proof of its qualities. Every day, consistent PROFIBUS solutions contribute to the sustainable reduction of investment, operation, and maintenance costs and to the increase of plant availability and productivity.

... versatile ...



... and safe.



“The international network and the experience of PI are unique. They provide our member companies with a significant competitive edge.”

Jörg Freitag
PI and PNO chairman

With a presence on every continent, PROFIBUS & PROFINET International (PI) is the world’s most influential interest group in the field of industrial communication. 27 Regional PI Associations (RPAs), 43 Competence Center, 23 Training Center, 10 Test Labs, and more than 1,400 member companies speak volumes.

For more than 20 years, PI has been the neutral platform on which all the relevant automation manufacturers from all over the world meet and define common technologies such as PROFIBUS with an outstanding degree of team spirit. Every one is invited to contribute ideas, propose changes, and intervene – what counts is the aim of the PI family: to support users with the best solutions at all times.

