



PROFIBUS Association of Australia Inc.

## Why **PROFIBUS\*** is the world's most popular fieldbus for industrial & process applications

\* 35.6 million nodes installed worldwide (2010)

ABN No: 72 618 770 613



PROFIBUS is today acknowledged as the world's most popular fieldbus communication protocol with an estimated 35.6 million installed nodes worldwide. At the core of its success is the PROFIBUS 'one-for-all' philosophy which ensures its suitability across all industries and applications. It's rapid acceptance and widespread popularity over the last five years has been outstanding.

### PROFIBUS Nodes at new all-time high

PROFIBUS simplifies plant design, requires less wiring and hardware (lower installation costs); supports better diagnostics; delivers greater productivity and contributes to a higher quality product through the delivery of more accurate, on-time data to plant operations.

### It's all about results

PROFIBUS supports advanced asset management strategies that allow plants and equipment to be better maintained and managed. This can significantly reduce operating costs and help manufacturers reduce costly plant shutdowns.

The greatest benefits of a PROFIBUS network are realised long after a plant has been commissioned, in the areas of predictive maintenance and operations.



### Tailored solutions

PROFIBUS offers solutions that cover the entire industrial automation spectrum and also meets extreme application requirements. Since it is built around the one-technology-for-all concept, PROFIBUS technologies can be used in all applications.

PROFIsafe is a high-integrity communications solution supporting safety-related applications in machine and process control.

PROFIdrive facilitates the dynamic distribution of control signals amongst intelligent drives allowing decentralized automation structures to be economically created in motion control applications.

## PROFIBUS emerges as fieldbus technology of choice in Australia



Industry-specific application profiles and relevant transmission technology enable PROFIBUS to meet the differing requirements. PROFINET offers Ethernet functionality, but is designed with additional attributes required in harsh industrial applications.

PROFIBUS DP provides rich benefits for almost any application in factory automation and is supported by a huge number of vendors.

PROFIBUS PA is a fieldbus solution for process automation allowing vendor-independent operation of process devices on one bus.

### Technical resources at your fingertips

The PROFIBUS Association of Australia (PAA) in partnership with the PROFIBUS International Competence Centre (PICC) is committed to supporting the growth of PROFIBUS technology throughout the Asia/Pacific region. The PICC supports companies in new product development and provides technical support for PROFIBUS manufacturers and users. This support covers system design, fault diagnosis, design verification, demonstrations of interoperability of products and a comprehensive range of certified training programs.



PICC Automation Centre

[www.profibusaustralia.com.au](http://www.profibusaustralia.com.au)

Ph: 02 9555 7899

# PROFIBUS

# & Troubleshooting & Engineering Support

Expert assistance now available from qualified Profibus engineers.

The PICC is Australia's leading provider for Profibus training, engineering and troubleshooting solutions, installation certification, commissioning and technical documentation.



The Profibus International Competence Centre  
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- Onsite Troubleshooting • Training • Engineering Support • Product Development
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PICC PROFIBUS Technical Centre

Find your Profibus solution at:

**1300 742 228**  
[profibuscentre.com.au](http://profibuscentre.com.au)

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