



PROFIBUS Troubleshooting & Maintenance Class

July 17-18, Atlanta, GA USA

Having problems with your PROFIBUS network? This is the class for you! Learn the skills you need to find, isolate, and fix problems fast! At the end of the training, you will be able to maintain, strategically isolate, analyze and solve problems in PROFIBUS installations. During the class you will learn and practice how to use the latest tools such as **ProfiTrace 2** with **ScopeWare**, **ProfiCaptain 2** and the BT200.

Theory

- PROFIBUS DP and PA.
- RS 485 and MBP-IS properties.
- Cabling techniques.
- Grounding and shielding.
- DP/PA segment couplers, repeaters and OLMs.
- Fault finding strategies
- Measurement tools.

Hands-on exercises

- Protocol analysis with the **ProfiTrace 2 Analyzer**.
- Signal analysis with the **ScopeWare (oscilloscope)**.
- Cable measurements with a multi-meter and **BT200**

Grid Connect is teaming with PROCENTEC in The Netherlands to provide this unique training opportunity. The workshop is designed for those who install and maintain PROFIBUS installations. The class provides a mixture of theory and hands-on experience to give you the skill set you need, and the ability to put it into practice immediately. Attendees will learn how to analyze, localize and solve PROFIBUS problems. The theory covered includes details about cabling, shielding, and grounding. The practical hands-on examples show you how to use various tools to find and fix your problems fast.

At the end of this workshop, you will have an understanding of

PROFIBUS concepts, components, and cabling, and be able to find, analyze and solve problems in PROFIBUS installations. You will also be able to understand and handle troubleshooting and maintenance tools, such as the new ProfiTrace 2 with its built-in oscilloscope software Scopeware, and ProfiCaptain.

Audience: This workshop is intended for anyone who is responsible for PROFIBUS installations. For example:

- Service personnel and operators.
- Installation companies.
- Industrial PROFIBUS users.
- Engineering companies.
- Suppliers.

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Dates:

- July 16, 2008 General PROFIBUS Overview Course – sign up for free one-day training http://www.us.profibus.com/training_display.aspx?pagetype=oneday&eventid=154
- July 17-18, 2008 (Hands-on PROFIBUS Troubleshooting class – 20 seat capacity)

Times:

- 9:00 AM to 5:00 PM each day.

Location:

Renaissance Waverly Hotel – Atlanta Area
2450 Galleria Parkway, Atlanta, GA 30339
Ph: 1-770-953-4500

Room Rate: \$179 (Standard King) - Mention “PROFIBUS Training” when reserving a room



Cost:

- 2-Day Training Class - \$1300 (1 seat), \$1200 each (2 seats), \$1100 each (3 or more)
- Tools – Special pricing will be offered for **ProfiTrace 2**, **ProfiCaptain 2**, **ProfiHub** and more!

Reservations & Payment:

Sign-up online at www.factorycomm.com/profibusclass.html or call 1-800-975-GRID

Other Information:

- Attendees will receive: a course book, writing materials and a certificate of participation.
- It is recommended to bring a laptop with a CD-ROM and 2 USB ports.
- Lunch and refreshments are included on all course days.

Hurry – seats are limited (20 students)

PROCENTEC