

## ProfiTrace training day at Endress+Hauser Manchester

A full day of training scheduled for **Thursday 27<sup>th</sup> January 2011**.

**Cost: £49.00 pp** to cover course administration, refreshments, lunch and printed course notes.

Please note that the course fee will be fully refunded against an order placed with E+H or VTC for any of the hardware or software demonstrated.

### ***Introduction***

ProfiTrace is well known as one of the best troubleshooting tools available for PROFIBUS DP and PA networks. This training event, organized by Endress+Hauser and Verwer Training & Consultancy Ltd, will cover the recent developments that allow ProfiTrace to be used as a component in your Supervisory SCADA and Asset Management systems. In addition, it will introduce a new concept in network monitoring: “ComBricks” – a modular repeater and gateway system with built-in ProfiTrace functionality accessible over Ethernet. ComBricks is designed to be used as a permanent addition to your networks allowing up to four PROFIBUS networks to be remotely monitored and health checked over your company network and even the internet.

The training day is organised as a series of presentations, practical demonstrations and hands-on exercises. Initially we set the scene with an overview of ProfiTrace, SCADA, OPC and FDT/DTM technology.

The first demonstration takes you through how to set up ProfiTrace as an OPC server so that you can display network health checking and monitoring information directly on your SCADA screens. Next we will demonstrate how ProfiTrace and its new “ComDTM” driver software can be used within a FDT frame application such as Endress+Hauser’s FieldCare as a class-2 PROFIBUS master to allow access to device parameters on a working PROFIBUS system. After lunch, we will provide the opportunity for you to have a try at using the OPC server and Com DTM yourself on a live PROFIBUS System. Finally, we will introduce the Procentec “ComBricks” concept and explain how this leads to a new approach to monitoring the health of your PROFIBUS networks. Again we will demonstrate the technology on live PROFIBUS networks and provide the opportunity for you to try out the device yourself.

Please note that we will have a limited number of laptops available at the event, each with a ProfiTrace unit for participants to use. We will try to allow everyone attending to try out the software and features demonstrated. However, we cannot guarantee that everyone will have the opportunity to use a laptop individually. We are limiting the course to the first 48 applicants so that group sizes for the hands-on sessions will not be more than 6 people.

### ***Who should attend?***

This course is suitable for engineers and people with a technical background who work with PROFIBUS instrumentation, automation and control systems. System designers, integrators, commissioning engineers and maintenance staff will find the day valuable and informative. Anyone who is currently using, or is considering purchasing a ProfiTrace analyser to health check or fault find on PROFIBUS networks will find the day of particular interest.

## **Who are we?**

Endress+Hauser is a global leader in the provision of measurement instrumentation, services and solutions for industrial process engineering.

Verwer Training & Consultancy Ltd provides internationally accredited, manufacturer-independent training and consultancy for modern automation and control systems. In particular we support PROFIBUS, PROFINET, Actuator Sensor Interface (AS-i) and Open PLC programming (based on IEC61131-3). We also supply and support a range of really useful products for installing, testing, fault-finding and health checking networked systems.

## **Schedule for the day**

08:45	Registration (coffee/tea)	
09:00	Overview of the day	AV
09:10	Presentation – Introduction to ProfiTrace, asset management tools and FDT/DTM concepts, SCADA and OPC data access.	AS & AV
10:45	Coffee/Tea break	
11:00	Demo 1 – Setting up and using ProfiTrace as an OPC server.	AV
12:00	Demo 2 – Using ProfiTrace as a communication interface (comDTM) for your FDT tool.	AV
12:45	Lunch	
13:30	Hands on session 1 – Your chance to try out the OPC server and ComDTM on a real system.	AV & AS
14:30	Presentation – Introduction to “ComBricks” a modular repeater/gateway with built-in ProfiTrace and Ethernet connectivity.	AV
15:00	Demo 3 – ComBricks live demonstration,	AV
15:30	Hands on session 2 – Your chance to try out remote network monitoring using ComBricks.	AV & AS
16:15	Summary and product availability information.	AV & AS
17:00	Finish	

Please note that the above schedule is a guide only and is subject to change without notice.

## **Presenters**

Andy Verwer – Principal Lecturer,  
Verwer Training & Consultancy

Andy Smith – Development Engineer  
Endress+Hauser

## **To register for a place**

Contact Charlotte Gear at Endress+Hauser, Floats Road, Manchester M23 9NF with your company order number or credit card details.

Email: charlotte.gear@uk.endress.com, Tel: 0161 286 5000

Fax: 0161 286 5093

Please note that we expect the day to be fully subscribed, so please make sure that you book early to ensure a place.