

**Plant Networks and Telemetry:  
Developments, Opportunities and Challenges in Plant Networks and Telemetry**

**8<sup>th</sup> June 2011**

Bloxham Mill Business Centre, Barford Road, Bloxham, Banbury, OX15 4FF

**Location map:** <http://www.bloxhammill.com/location.asp>

The water industry is becoming ever more dependent on plant data to provide the fundamental information for new business management systems being introduced by water companies. Traditionally this data was gathered from operational sites using telemetry, but recently both plant and wide area networks have been introduced to bring data from the larger water and sewage treatment works. This workshop addresses recent developments in both telemetry and plant communications, considering different approaches with their various benefits and challenges. Topics will include a WITS/DNP3 update, wireless based plant networks, communications in difficult locations, Ethernet on process plants and the problems of viruses and security on plant networks and PLCs.

**Early Bird Discount: 10% discount for bookings received by 11<sup>th</sup> May**

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**Chairman: Robin Lennox, ICA Specialist, South West Water**

**09.30 Coffee & registration**

**10.00 Introduction to the workshop**  
**Robin Lennox, ICA Specialist, South West Water**

**10.15 Telemetry – the present and the future**  
**Steve Beadle, Technical Director, Serck Controls**

**10.45 Wide area telemetry communications options**  
**John Brown, Senior IS Consultant, WRc**

**11.15 Tea / coffee**

**11.45 Sensor communication - remote system integration**  
**David Wilson, UK Sales Manager, In Situ**

**12.15 CPNI and the need for holistic security**  
**Dan Bailey, Information Security Advisor, CPNI**

**12.45 Ethernet in plant networks**  
**Nigel Hall, Director, Peak42**

**13.15 Networking & Lunch**

**14.15 Wireless sensor networks and their advantages in the Water Industry**  
**Chris Snelling, Business Development Manager – Wireless, Endress & Hauser**

**14.45 Why PROFIBUS is the most successful Fieldbus in the Water Industry**  
**Mark Cargill, Principal Electrical Engineer, MWH with Derek Lane, Systems Manager, WAGO Ltd**

**15.15 Discussion & close**

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**REGISTRATION**

The cost of attending the Workshop is £75.00 inc VAT for members of SWIG and £135 inc VAT for non-members. Literature may be distributed for a fee of £55 and a limited number of table top displays are available at £105 each. Registrations can be made by Tel: 01925 855741, email: [linda.smith@swig.org.uk](mailto:linda.smith@swig.org.uk), web: [www.swig.org.uk](http://www.swig.org.uk) using the on-line booking form. **Please advise if you have special dietary needs.**  
Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.