CALL FOR PAPERS
Industrial Data Communications Forum

Industrial Wireless – Industrial Ethernet – Fibre Optics – 3G – 4G - Routers & Switches

Brisbane, Australia – 21st & 22nd March 2012

Are you a professional working in the area of industrial data communications in the mining, oil & gas, industry and utilities? We are looking for presenters to submit an abstract and present their papers at the upcoming Industrial Data Communications Forum in Brisbane.

The objective of this forum is to outline the best practice in designing, installing, commissioning and troubleshooting industrial data communications systems. In any given plant, factory or installation there are a myriad of different industrial communications standards used and the key to successful implementation is the degree to which the entire system integrates and works together.

With the vast number of different technologies and standards currently on the market, the debate is not “what is the best”, but rather how does industry assess and select the most appropriate for a given application. (Industrial Ethernet, Foundation Fieldbus, Profibus, Devicenet, Fiber Optic, Copper, Wireless) – then ensuring that best practice is followed in designing, installing and commissioning the data communication links to ensure they run fault-free.

The industrial data communications systems in your plant underpin your entire operation. It is critical that you apply best practice in designing, installing, troubleshooting and fixing any problems that may occur. This forum’s goal is to distil all the tips and tricks learnt with the benefit of many years of experience. We want to receive technical papers showcasing the best, proven practices to follow.

Another area of interest is remote management, monitoring and control of distributed assets and equipment. This fast developing area of engineering and technology is becoming a key strategic tool. Remote applications vary from offering technical support to a customer with automated systems thousands of kms away to remote control of vehicles to military bomb disposal units. Naturally a secure communications system underpins these technologies.
The main steps in using today’s communications technologies involve selecting the correct technology and standards for your plant based on your requirements; doing the design of the overall system; installing the cabling, configuring the system and then commissioning the system.

We want to hear about your experiences when setting up industrial communication systems. In particular we are seeking practical case studies from projects you or your workplace have carried out in Australia and around the world. We are seeking presentations on new technology, applications of this technology and the most current developments in this critical subject.

This is the perfect forum to promote and showcase your applications, vision, knowledge and expertise relating to this critical and growing industry no matter whether you are a vendor, system integrator or end-user. This event is emphatically not aimed at allowing vendors to “sell” their products but rather on practical applications and solutions – probably the best way to showcase your technologies and engineering skills.

**SUGGESTED TOPICS:**

**Industrial Networking**
- Routers & Switches
- Industrial Ethernet
- Security

**Protocols & Standards**
- Modbus Protocols
- TCP/IP & Ethernet
- DNP3 & 60870.5

**Field Level Communications**
- Radio Telemetry
- Wireless technology
- Fieldbus & DeviceNet
- Wireless HART
- Zigbee
- Wireless Site Surveys
- RFID & Wireless
- Profibus/Profinet
- Foundation Fieldbus
- Modbus TCP
- Ethernet/IP

**Media**
- Copper
- Fibre
- Coaxial
- Twisted Pair
- Wireless

**Cyber Security**
- Industrial Network Security
- Firewalls
- Viruses/Attacks
- DMZ

**Miscellaneous**
- SCADA Applications
- Substation Automation (IEC 61850)
- Satellite Applications
- Online Engineering
- Smart Grids
- Troubleshooting
- Commissioning
- Condition Monitoring

All Submissions Welcome
What is Required of You?

Provide a set of PowerPoint’s and/or write a technical paper and present this at the conference using PowerPoint to illustrate your main points – You will be allocated 45 minutes (Paper and presentation required)

Abstract: To express interest in presenting at the conference please send a 100 word abstract outlining the topic you would like to present at the event. Please email Sarah Montgomery, your Conference Manager: sarah.montgomery@idc-online.com

Important Dates:

1. Abstract Due: November 11th 2011
2. Full Paper Deadline: February 8th 2012

For further information on this event or to discuss sponsorship opportunities contact Sarah Montgomery: sarah.montgomery@idc-online.com

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Who is IDC Technologies?

IDC TECHNOLOGIES ACCREDITATION STATUS: IDC Technologies is an internationally endorsed Professional Training Organisation. It is very important to us to ensure that you, our client can confidently attend our training workshops knowing that the professional development you are receiving is of a creditable standard and will provide you with personal, measurable, productivity gains and the opportunity for career advancement.

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- “The Institute of Measurement and Control in the United Kingdom”, which is Britain’s foremost professional body for the Automation Industry.
- “Engineers Ireland CPD Registered Training Provider”.
- “IEEE Educational Partner Status”
- “The Project Management Institute” in the USA, which has more than 265,000 members in over 170 countries.
- “The Training Accreditation Council” in Australia, which is the national and regional leader in the strategic management of the recognition and quality assurance of training.
- “The Engineering Council of South Africa”
- “The Board of Engineers” in Malaysia.
- This conference counts toward CPD points as per Engineers Australia guidelines.