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Profibus Newsletter

June 2007

PROFIBUS PASSES 20 MILLION NODES!

Announced during the visit of Mr Edgar Küster, Chairman of PROFIBUS and PROFINET International, in South Africa for the Process Show 2007, the number of installed PROFIBUS nodes exceeded 20 million for the first time in April 2007. In January 2004 when PROFIBUS first exceeded 10 million nodes, PI stated that they expected to double this figure in the next four years. "In fact it took just 40 months" stated an obviously proud Edgar.

The trend is mirrored in process automation, an important sub-sector. Here, the number of installed PROFIBUS PA devices reached 630 000, which means today there are approximately 3,3 million PROFIBUS devices (DP and PA) in process automation.

"The main reason for this," said Edgar, "is that process automation typically involves hybrid applications where discrete field devices need to be connected alongside field instruments. PROFIBUS DP and PA use the same protocol and integrate perfectly so they are the number one choice, both from the point of view of technology and in terms of cost."

Edgar was here to update the local fieldbus users on the development of PROFINET in the process industry. More than 100 guests in Johannesburg and 80 guests in Durban attended the PROFIBUS breakfast. Once again Edgar emphasised that PROFIBUS and PROFINET are the only fieldbus solutions that can be used exclusively in all fields of application, factory automation, motion control and process automation. Of particular interest was the announcement of the Working Group (WG) for DCS requirements. Including specialists from Siemens, ABB, Emerson and Yokogawa, the working group focuses on topics such as system redundancy, time stamping and time synchronisation as well as integration of Hart and Foundation Fieldbus legacy systems.

UIC BECOME FIRST CERTIFIED PROFIBUS COMPANY IN SOUTH AFRICA

Michael Bean from the PROFIBUS Competence Centre was also on-hand at the PROFIBUS breakfasts to point out some of the pitfalls in installation of fieldbus systems, and to promote the need for accreditation of installers. Guests were amused to watch a series of photographs of incorrectly installed devices and the simple but costly solutions, if applied after completion of the installation.

Chairman of the local PROFIBUS User Group was pleased to welcome the company UIC in Durban as the first Accredited PROFIBUS company to register with the PROFIBUS User Group in South Africa.

PROCESS SHOW 2007

The PROFIBUS stand at the 2007 Process Show was announced by many to be the best display of PROFIBUS technology to date. Working models of PROFIBUS DP, PROFIBUS PA and PROFINET solutions were intermingled with product presentations from 17 different vendors. The large stand situated right at the entrance of the show gave visitors an

excellent introduction to the world of process control and the variety of PROFIBUS solutions available.

PROFIBUS HANDBOOK 2007

Crown Publications cc has published the much anticipated 'Technical Handbook for PROFIBUS and PROFINET users', also known as the PROFIBUS Handbook. Authored by Mick Crabtree and with the foreword from Dieter Dilchert, Chairman of the PUGSA, the handbook deals with the technology of PROFIBUS and PROFINET from justification to installation and maintenance.

Contact Kessi at kessi.coetzee@za.endress.com if you are looking for a copy.

International News

DUBAI DEBUT FOR MIDDLE EAST PROFIBUS ASSOCIATION

February 12, 2007 saw another milestone event for PI, with the launch of the first PROFIBUS organisation in the Middle East.

PROFIME (PROFIBUS Middle East) was successfully launched with representation and guest speakers from PI, Netherlands-based training organisation PROCENTEC and other Regional PI Associations (RPAs) and PROFIBUS/PROFINET Competence Centers (PICCs).

New Chairman Preges Naidoo said that Middle East vendors first met exactly a year ago to discuss the possibility of establishing a Middle East RPA and PICC to market, support, and promote PROFIBUS as a leading fieldbus technology.

Committed supporters are: E+H, Adaptive Measuring and Control, Al Khaleej Sugar, Belden, COMSOFT, Cube Technologies, ICSTriplex, Jordan-marka -Jordan, Kuwaitronics - Kuwait, LAPP, METSO, Moeller, Pepperl and Fuchs, Phoenix Contact, PROCENTEC, Siemens, Stahl and Wieland.

NEW VERSION OF PROFIBUS PA BOOK

The book **PROFIBUS PA** by Christian Diedrich, Thomas Bangemann and several co-authors, is now available in a revised and updated English version.

The book is a 'must' for all who need in-depth information about PROFIBUS in the process industries. It is also aimed at developers of PA devices, planners, end-users and maintenance staff.

'PROFIBUS PA – Instrumentation Technology for the Process Industry' is published by Oldenbourg Industrieverlag (2007) ISBN 978-3-8356-3125-0. It has 320 pages and costs €52-00.

For more information, go to <http://www.oldenbourg-industrieverlag.de>



For more information on PUGSA contact Rob MacKenzie on (011) 801 8200