

FROM THE CHAIR

Hi fieldbus fraternity, It is time to get on the bus to Jump Aboard 2004 and get “wired” for Foundation fieldbus! Did you know that as adoption of the technology continues to grow across the globe, estimates indicate that more than 400,000 registered fieldbus products have been purchased for installation. This just shows us the “new direction” that industry is taking so if you have not taken up the challenge of getting up to speed it may be worthwhile considering attendance at one of our seminars in Brisbane (Monday 20th September), Melbourne (Wednesday 22nd September) or Perth (24th September). Last year we had reports that the seminar was the best to date and this year is shaping up to be even better with a fantastic group of International speakers and one local end user.

- The “keynote” speaker is Greg Belcher from our valued gold sponsor Honeywell. Greg will be presenting “Laying the foundation-building Fieldbus systems”
- Ian Verhappen (Chair Foundation fieldbus End User advisory Council and ICEPros Canada) has an interesting paper OPEX Data to Knowledge to Profits which highlights the use and management of all the new data made available by the technology
- Interestingly the local presenter is Thorsten Krohn (Manager - System Integration -Ravensthorpe Joint venture) and judging from the abstract we will learn much about how a project actually goes about justifying the fieldbus approach. The title of this presentation is “End User Experiences- OPEX installations.
- Dave Glanzer (Technical Director Fieldbus Foundation) is giving us all an update on the “Future technical directions foundation fieldbus”
- Chris Ground (UK-MTL Silver sponsor) is giving us the “spark” about Surge protection as part of OPEX (Maintenance savings). Chris has a very apt name to talk about this subject!
- Dave Smith (USA-Yokogawa) lets us know about “OPEX reduction with FF and enabling technologies”.
- Andreas Agostin (Singapore – Pepperl and fuchs- Silver sponsor) Is giving us all the benefits of his experience on the benefits arising from spec FF-831 FF Power Supply testing.
- “On line Plant asset Management” is the subject of another “Mr Fieldbus International” namely Jonas Berge from SMAR Singapore.
- Finally we have Amit Ajmeri (USA-Emerson) who will provide us with some insight into the CAPEX and OPEX business case for FF.

ALL THIS FOR ONLY \$395 for a FULL DAY Seminar including lunch and CD full of great data. Early birds **paying by September 1st get a **free 128Mb USB key****



For full details look at
<http://www.fieldbus.org.au/JA04info/JA4combo.pdf> or
contact Allen on (08) 92430161

Well the arrangements are all in place now all we need is for you all to think seriously about the future for both yourself and your company, taking the first steps to getting wired for Fieldbus.

Hopefully we will see you there, do not delay as places are likely to fill fast based on the dynamic take up now occurring for this technology.

Thanks again to all the JA2004 committee for their great work.

Also we are running FF Essentials training concurrently with the seminars, for more information see the details at <http://www.fieldbus.org.au/JA04info/JA4combo.pdf> or contact Allen on (08) 92430161

Talking of training we have been busy being guinea pigs for the advanced hands on Foundation fieldbus training course being put together by Allen Tighe using equipment which we have purchased and had donated from PRE, SMAR and MTL. The first courses we hope to have available by November.

On Thursday 23rd September at the Emerald Hotel from 5:30pm to 8:00pm, we will be having our Annual General Meeting. This will be in the form of the AGM (max about 1 hour) with cocktails after and is free to all FFEUC members. This will give you an opportunity to network with the majority of the speakers from JA2004. The committee nomination form can be found at the end of this newsletter.

It is worth noting that the Fieldbus Foundation celebrated its ten year anniversary this year, certainly much "blood, sweat and tears" has been put in to get the technology to where it is today.

OK folks, I look forward to seeing MANY of you at the Seminars across the country, getting "wired" for the next generation of fieldbus interoperability system enablers!

Jim Russell

Chair Foundation fieldbus End User Council Australia- Inc

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We are pleased that a great supporter of the FFEUC Aus Inc John Pittman, former president and CEO of the Fieldbus Foundation, will receive the 2004 Albert F. Sperry Award from ISA (The Instrumentation, Systems and Automation Society). The Sperry Award is ISA's outstanding achievement award, and recognizes exemplary technical, educational or philosophical contributions to the science and technology of instrumentation, systems, and automation.

As founding president and CEO of the Fieldbus Foundation, the leading organization dedicated to a single, interoperable, international fieldbus standard, Mr. Pittman was responsible for the foundation's management and operations during its critical early years. Under his leadership, the FOUNDATION™ fieldbus protocol was established as an industry-leading technology and approved as an international standard by the International Electrotechnical Commission (IEC) and CENELEC. Since his retirement in 2000, Mr. Pittman has continued on with the foundation as a consultant on a variety of strategic issues.

"I am honored to be recognized by my peers in this manner," said Mr. Pittman. "I consider myself very fortunate to have worked, over the course of my career, with many outstanding members of the automation industry. Participating in the development and growth of FOUNDATION fieldbus technology was a rewarding personal experience for me, as well as a significant professional milestone."

Fieldbus Foundation Releases Application Guide For I.S. Systems

Comprehensive document assists both device developers and end users

AUSTIN, Texas, August 16, 2004 — The Fieldbus Foundation today announced the release of the new FOUNDATION™ fieldbus Application Guide for 31.25 kbit/s Intrinsically Safe Systems (AG-163, Revision 2.0). This comprehensive, updated document is intended to improve the understanding of application considerations for today's fieldbus systems, and contains useful information for both device developers and end users.

The new Application Guide includes an overview of 31.25 kbit/s intrinsically safe fieldbus systems, followed by an out-line of the specifications for field devices and other related equipment. The updates follow the actual state-of-the-art intrinsically safe fieldbus technology. The booklet also provides guidance on registering fieldbus equipment and offers advice on sound design and installation practices.

The updated guide reflects recent changes and products available for use in applying fieldbus technology in intrinsically safe areas. Included is a new section on the Fieldbus Intrinsically Safe Concept (FISCO), as well as a number of examples of the split architecture and fieldbus barrier concept for both North American Class Division and Zone classification methods.

According to Fieldbus Foundation Marketing Specialist Joe Conklin, the FOUNDATION fieldbus Application Guide for 31.25 kbit/s Intrinsically Safe Systems is a valuable tool for those expanding the implementation of fieldbus in hazardous area applications. "The new Application Guide explains the basic concepts of intrinsically safe systems, and at the same time, provides guidance on equipment use in those systems," said Mr. Conklin. "This document is a must for users installing fieldbus systems in I.S. environments. It will also help device developers speed new products to market."

The Application Guide relates only to FOUNDATION fieldbus equipment and systems operating at a 31.25 kbit/s data rate and conforming to the specifications and recommended parameters in the IEC 61158-2: 2003 standard ("Fieldbus for Use in Industrial Control Systems - Part 2: Physical Layer Specification," Type 1).

Conklin added that the Fieldbus Foundation appreciates the active commitment of its member companies; without their dedication, the new Application Guide would not have been possible. Contributors to the guide included: ABB, Endress+Hauser, Hawke, MTL, Pepperl+Fuchs, Stahl, Turck and VEGA. The foundation also acknowledged Dr. Ulrich Johannsmeyer from the Physikalisch Technische Bundesanstalt PTB for his contribution to the project.

To obtain a no cost pdf copy of the FOUNDATION Fieldbus Application Guide (AG-163) please visit <http://www.fieldbus.org/about/foundationtech/resources/>.

Users may also obtain a CD containing a licensed, fully-searchable Microsoft Word version of the FOUNDATION fieldbus Application Guide for 31.25 kbit/s Intrinsically Safe Systems. Specifying projects is now a simple step of extracting the required section of the guide into a design document. For the searchable Microsoft Word document on CD, please contact member services at 512-794-8890, Ext. 21, or e-mail member.services@fieldbus.org. See www.fieldbus.org for details.



International Seminar 'OpEx Excellence through FF'

Brisbane – Monday 20th September
Melbourne – Wednesday 22nd September
Perth – Friday 24th September

Make a note in your Diary!!

This Foundation™ Fieldbus End Users Council Australia (Inc) seminar is a major event which brings together international experts to present their experience around the theme of "OpEx Excellence through FF". The line up of International speakers must rank as one of the best ever. The presentations cover a diverse subject range including:

- **Laying the Foundation-building fieldbus systems**
- **End User Experiences – OPEX implications**
- **OpEx - Data to Knowledge to Profits**
- **Business Case for Ff**
- **Fieldbus Foundation - Future Directions**
- **Online Plant Asset Management**
- **Benefits from Spec FF-831**
- **OpEx Reduction with Foundation fieldbus**
- **Surge Protection & OpEx Maintenance Savings**



Gold Sponsor

Foundation fieldbus is the next quantum leap in DIGITAL Instrument Technology. It has the potential to provide huge savings and gains in the efficiency of a plant. Those with "vision" and foresight will move their respective organisations to a "best in class" category. Come along and reap those benefits - networking and learning from some of the most respected Foundation fieldbus experts in the world.

Featuring International Presenters :

Keynote by Honeywell
Dave Glanzer (**FF USA**)
Thorsten Krohn (**Hatch Ravensthorpe JV**)
Ian Verhappen (**ICEpros Canada**)
Chris Ground (**MTL UK**)
Amit Ajmeri (**Emerson USA**)
Dave Smith (**Yokogawa USA**)
Andreas Agostin (**Pepperl and Fuch- Singapore**)
Jonas Berge (**Smar Singapore**)



PEPPERL+FUCHS

Silver Sponsor

Thanks to Sponsors Honeywell (Gold), MTL and P&F (Silver). Additional sponsorship spots are available, contact [Allen Tighe](#) for details.

FOUNDATION™ Fieldbus Training in Australia

The SAIT essentials 1 day training is still available, please contact [Allen Tighe](#) for further details.

LATEST INFORMATION VIA THE FFEUC-AUS WEBSITE

For the latest information on all FFEUC-Aus Inc activities and some great Foundation fieldbus technical data please visit our website <http://www.fieldbus.org.au>



Did you know that **Fieldbus Forums** is a new online community for the exchange of fieldbus information?

This interface lets FOUNDATION fieldbus technology experts, end users, product suppliers, and others around the world interact in an open, web-based community—and it's available to members and non-members. **Fieldbus Forums** makes it easy for those with an interest in fieldbus to find answers to their questions about the technology, and learn from the experiences of their counterparts across the globe.

[Click here](#) to register for **Fieldbus Forums**. It's free!

Latest FF News

- **DID YOU KNOW...**the Foundation's Technical Documents are available online? Click [here](#) to view or download.
- **Get the latest Fieldbus facts by clicking the logo below.**



[Archive](#)

- **There are now 205 registered products, just click on the link to see them all**



Have you upgraded your PC and have licenced copies of WIN 2K just stuck in the cupboard?

A donation of this software would be much appreciated; we require 3-5 copies for our training kits. Any Companies or individuals who could help with this please contact please contact Allen on (08) 9243 0161 or via [email](#).

Whilst every effort is made to ensure technical accuracy of the information in this newsletter, the Fieldbus Foundation End Users Council Australia accepts no liability for any loss or damage caused by error or omission from the data supplied. Users should make and rely on their own independent inquiries. By accessing the newsletter users accept this condition.

Should you note any error/omission or an article offends please do not ignore it, contact the secretary tiong.lim@woodside.com.au and we will review, rectify and remove as necessary.



FOUNDATION™ Fieldbus End Users Council Australia



NOMINATION FOR COMMITTEE 2004/2005

I, being a member of the Foundation fieldbus End Users Council Australia Incorporated, wish to nominate the following for committee position(s).

Position

Proposed Candidate

Co-chair (1)	.....
Co-chair (2)	.....
Treasurer	.....
Secretary	.....
Membership Coordinator	.....
Multimedia Coordinator	.....
Newsletter Coordinator	.....
Seminar Coordinator	.....
Committee	.....
Committee	.....
Committee	.....



FOUNDATION™ Fieldbus End Users Council Australia

FORM OF APPOINTMENT OF PROXY



I,

of

being a member of the Foundation Fieldbus End Users Council Australia Inc hereby appoint

.....

being a member of the Council as my proxy to vote for me on my behalf at the **ANNUAL GENERAL MEETING** on the 23rd **SEPTEMBER 2004** to vote in favour of

.....

Signed

Date

