

Identifying the most effective solutions for the future depends on how you spend these two days.



Control 2001
CONFERENCE & EXHIBITION

NOVEMBER 14 & 15

Future Trends
Practical Applications
Hands-On Workshops

The e-manufacturing revolution. What's it all about? And how do I make the most effective start so I'm not stuck with expensive redevelopment later?

How can I use web-based technologies to improve my automation processes? What are the best automation software options for my factory – and how can I be sure I'm getting the full advantage from it?

You'll find the answers to these and other questions at Control 2001.

E-manufacturing, wireless technologies and factory automation software are just some of the issues that come under the spotlight during this two-day event.

You'll also have the opportunity to see the very latest applications at the Control 2001 Exhibition. Representatives from the leading brands in measurement and control can advise you on the applications that are right for your industry now – and give you an insight into what's around the corner.

It's also the perfect environment in which to discuss trends and swap ideas with your peers.

NO-NONSENSE THEORY AND PRACTICAL EXPERIENCE

Control 2001 is more than an exhibition. Attend the Conference and world-recognised speakers will highlight trends and issues that will have a direct bearing on the future success of your organisation.

They'll show you how to put theory into practice for your specific industry. And workshops will give you the chance to try the applications out for yourself.

To make sure that you gain the most value possible from Control 2001, the Conference has been broken into "streams". Each presentation and workshop will be repeated across the two days, so you can attend the sessions at the times that best suit you.

It's the sure-fire way to ensure you don't miss out on any of the information that can give you the edge.

To secure your place, simply complete and return the Registration Form without delay.

The conference format for Wednesday 14 November is repeated on Thursday 15 November.

TIME	TECHNOLOGY TRENDS (T) ROOM ONE LEVEL 1	INDUSTRY APPLICATIONS (A) ROOM TWO LEVEL 2	HANDS-ON WORKSHOPS (W) ROOM THREE LEVEL 3
8.00AM	TECHNOLOGY TRENDS Chairman - Jim Rodgerson, MIT	INDUSTRY APPLICATIONS Chairman - Tony D'Arcy, AUT	HANDS-ON WORKSHOPS Moderator - Colin Tilley, Rockwell Automation
8.10AM	WELCOME	WELCOME	WELCOME
8.50AM	Internet Technology & Wireless Applications Dirk Rouffaer, Product Marketing Manager – Transparent Factory, Schneider Electric, USA T1	Foundation Fieldbus Technologies Dr Gunther Kegal, Pepperl+Fuchs, Mannheim, Germany A3	Device Level Bus Technologies Exhibitors W5
9.30AM	e-Manufacture & Asset Management Michael Cahill, Manager, Manufacturing Business Systems (MBS), Rockwell Automation, Australia T2	Improvements in Process Control Peter Bollenbeck PhD, Senior APC Engineer, PavTech NZ Ltd, Hamilton A4	Internet Technology & Wireless Applications Exhibitors W1
9.55AM	MORNING TEA	MORNING TEA	MORNING TEA
10.35AM	Foundation Fieldbus Technologies Richard Timoney, President, Foundation Fieldbus, USA T3	Device Level Bus Technologies Graeme Meyer, Facilitator for Oceania, Open DeviceNet Vendors Association, NZ A5	e-Manufacture & Asset Management Exhibitors W2
11.15AM	Improvements in Process Control Grant Wilson, Director of Software Development, Emerson Process Management, USA T4	Internet Technology & Wireless Applications Dirk Rouffaer, Product Marketing Manager – Transparent Factory, Schneider Electric, USA A1	Foundation Fieldbus Technologies Exhibitors W3
11.55AM	Device Level Bus Technologies Graeme Meyer, Facilitator for Oceania, Open DeviceNet Vendors Association, NZ T5	e-Manufacture & Asset Management Michael Cahill, Manager, Manufacturing Business Systems (MBS), Rockwell Automation, Australia A2	Improvements in Process Control Exhibitors W4
1.00PM	LUNCH	LUNCH	LUNCH
1.10PM	TECHNOLOGY TRENDS Chairman - Tony D'Arcy, AUT	INDUSTRY APPLICATIONS Chairman - Jim Rodgerson, MIT	HANDS-ON WORKSHOPS Moderator - Colin Tilley, Rockwell Automation
1.50PM	Internet Technology & Wireless Applications Dirk Rouffaer, Product Marketing Manager – Transparent Factory, Schneider Electric, USA T1	Foundation Fieldbus Technologies Dr Gunther Kegal, Pepperl+Fuchs, Mannheim, Germany A3	Device Level Bus Technologies Exhibitors W5
2.30PM	e-Manufacture & Asset Management Michael Cahill, Manager, Manufacturing Business Systems (MBS), Rockwell Automation, Australia T2	Improvements in Process Control Peter Bollenbeck PhD, Senior APC Engineer, PavTech NZ Ltd, Hamilton A4	Internet Technology & Wireless Applications Exhibitors W1
3.10PM	Foundation Fieldbus Technologies Richard Timoney, President, Foundation Fieldbus, USA T3	Device Level Bus Technologies Graeme Meyer, Facilitator for Oceania, Open DeviceNet Vendors Association, NZ A5	e-Manufacture & Asset Management Exhibitors W2
3.35PM	AFTERNOON TEA	AFTERNOON TEA	AFTERNOON TEA
4.15PM	Improvements in Process Control Tom Moser, Director of Marketing, Rosemount Asia Pacific, Singapore T4	Internet Technology & Wireless Applications Dirk Rouffaer, Product Marketing Manager – Transparent Factory, Schneider Electric, USA A1	Foundation Fieldbus Technologies Exhibitors W3
4.55PM	Device Level Bus Technologies Graeme Meyer, Facilitator for Oceania, Open DeviceNet Vendors Association, NZ T5	e-Manufacture & Asset Management Michael Cahill, Manager, Manufacturing Business Systems (MBS), Rockwell Automation, Australia A2	Improvements in Process Control Exhibitors W4
	DAY END	DAY END	DAY END

THE EXPERTS WHO'LL BE TALKING TO YOU



DIRK ROUFFAER
Product Marketing Manager – Transparent Factory, Schneider Electric, USA

INTERNET TECHNOLOGY & WIRELESS APPLICATIONS

Dirk will discuss the use of embedded Web technologies in Programmable Controllers to provide seamless communication between automation, manufacturing and business systems. This open automation framework is based on the technologies of the internet and specifically TCP/IP. This philosophy, referred to as the 'Transparent Factory' allows all personnel to make use of plant level real-time information which has been historically confined to the factory floor in devices such as Programmable Logic Controllers, installed I/O, and workstations.



MICHAEL CAHILL
Manager, Manufacturing Business Systems (MBS) Rockwell Automation, Australia

E-MANUFACTURE & ASSET MANAGEMENT

Michael has been involved in MBS projects for some of Australia's leading national manufacturing companies, including Kraft Foods and Fosters Brewing Group. He will discuss the deliverables you can achieve today in e-Manufacturing, focussing on asset utilisation analysis and interfacing plant maintenance systems to the factory floor.



DR PETER BOLLENBECK PHD
Senior APC Engineer PavTech NZ Ltd, Hamilton

IMPROVEMENTS IN PROCESS CONTROL

Dr Bollenbeck has over thirty years experience in research and management positions with such companies as Procter & Gamble Soap Products Development, General Electric Lexas Products and Devro-Teepak (a meat casing manufacturer). His current role involves APC projects for Anchor Products in Hamilton. Dr Bollenbeck will be talking about the application of Pavilion Technologies multi-variable, model-predictive control software, using Anchor as a case study.



DR GUNTHER KEGAL
Technical Managing Director Pepperl + Fuchs, Mannheim, Germany

FOUNDATION FIELDBUS TECHNOLOGIES

Before joining Pepperl + Fuchs, Mannheim, Dr Kegal was an engineering collaborator for several small-sized engineering companies. This experience across a range of organisations puts him in good stead to discuss how business technologies can be most effectively implemented to suit the needs of a specific company.



RICHARD TIMONY
President Foundation Fieldbus, USA

FOUNDATION FIELDBUS TECHNOLOGIES

Richard Timony has over 20 years experience in sales, marketing and field operations management. Working for companies such as Honeywell, Yokogawa, Bailey Fischer-Porter and Total Control Products Inc. He'll be talking about the Business Technologies that are needed to make the most of future opportunities.



GRANT WILSON
Director of Software Development Emerson Process Management, USA

IMPROVEMENTS IN PROCESS CONTROL

Grant Wilson has been with Fisher-Rosemount Systems in Texas. His current role as Director, DeltaV Software has responsibility for Batch, engineering Tools, User Interface and Integration product development for the DeltaV product. Grant will highlight how complex pieces of data, such as a batch recipe, campaign schedule or an intelligent Fieldbus instrument specification can be exchanged between systems.



TOM MOSER
Director of Marketing, Rosemount Asia Pacific Region, Singapore

IMPROVEMENTS IN PROCESS CONTROL

Since joining Rosemount in 1989, Tom has held positions in R&D, application engineering, and marketing. He is a co-author of 3 patents related to pressure transmitter design. Tom has also been an Associate Engineer with IBM, and a Process Engineer at Boise Cascade Corporation, a US paper manufacturer. Tom will discuss how future plant safety and availability will come from diagnostics in field devices.



GRAEME MEYER
Facilitator for Oceania Open DeviceNet Vendors Association, NZ

DEVICE LEVEL BUS TECHNOLOGIES

Graeme will provide an overview of the progression from source destination control to producer-consumer distributed control concepts, and how they have improved the way that industry can implement automation solutions.

How to Plan Your Programme

The two day conference has been broken down into five key topics, with three presentation streams each. Simply choose the topic, stream and times that suit you by ticking the relevant boxes. (Tick 'none' for times you wish to view exhibition stands).

SAMPLE REGISTRATION

	DAY ONE WEDNESDAY 14 NOVEMBER			
8.10AM	<input checked="" type="checkbox"/> T1	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input type="checkbox"/> None
8.50AM	<input checked="" type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input type="checkbox"/> None
9.55AM	<input type="checkbox"/> T3	<input checked="" type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None
10.35AM	<input type="checkbox"/> T4	<input type="checkbox"/> A1	<input checked="" type="checkbox"/> W3	<input type="checkbox"/> None
11.15PM	<input type="checkbox"/> T5	<input type="checkbox"/> A2	<input checked="" type="checkbox"/> W4	<input type="checkbox"/> None
1.10PM	<input type="checkbox"/> T1	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input checked="" type="checkbox"/> None
1.50PM	<input type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input checked="" type="checkbox"/> None
2.30PM	<input checked="" type="checkbox"/> T3	<input type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None
3.35PM	<input type="checkbox"/> T4	<input checked="" type="checkbox"/> A1	<input type="checkbox"/> W3	<input type="checkbox"/> None
4.15PM	<input type="checkbox"/> T5	<input checked="" type="checkbox"/> A2	<input type="checkbox"/> W4	<input type="checkbox"/> None

THIS EVENT ONLY HAPPENS ONCE EVERY TWO YEARS. SO RESERVE YOUR PLACE WITHOUT DELAY.

Simply complete the Registration Form and post or fax, along with payment details, to:
The Conference Organiser before Monday 12 November.

Your Priority Conference Registration Form

Please note that you only need to complete the details below if you wish to attend the Conference. The Registration will also entitle you to visit the Exhibition on both days.

Cost for the two day Conference is:

\$450 (incl GST) for IMC Members. \$495 (incl GST) for non-members

Price includes lunches and morning/afternoon teas for both days, and speaker notes.

Personalise Your Programme

Complete your two day programme below. Please note Exhibition hours are 9.30am to 5.00pm daily.

	DAY ONE WEDNESDAY 14 NOVEMBER				DAY TWO THURSDAY 15 NOVEMBER			
8.10AM	<input type="checkbox"/> T1	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input type="checkbox"/> None	<input type="checkbox"/> T1	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input type="checkbox"/> None
8.50AM	<input type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input type="checkbox"/> None	<input type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input type="checkbox"/> None
9.55AM	<input type="checkbox"/> T3	<input type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None	<input type="checkbox"/> T3	<input type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None
10.35AM	<input type="checkbox"/> T4	<input type="checkbox"/> A1	<input type="checkbox"/> W3	<input type="checkbox"/> None	<input type="checkbox"/> T4	<input type="checkbox"/> A1	<input type="checkbox"/> W3	<input type="checkbox"/> None
11.15PM	<input type="checkbox"/> T5	<input type="checkbox"/> A2	<input type="checkbox"/> W4	<input type="checkbox"/> None	<input type="checkbox"/> T1	<input type="checkbox"/> A2	<input type="checkbox"/> W4	<input type="checkbox"/> None
1.10PM	<input type="checkbox"/> T1	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input type="checkbox"/> None	<input type="checkbox"/> T2	<input type="checkbox"/> A3	<input type="checkbox"/> W5	<input type="checkbox"/> None
1.50PM	<input type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input type="checkbox"/> None	<input type="checkbox"/> T2	<input type="checkbox"/> A4	<input type="checkbox"/> W1	<input type="checkbox"/> None
2.30PM	<input type="checkbox"/> T3	<input type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None	<input type="checkbox"/> T3	<input type="checkbox"/> A5	<input type="checkbox"/> W2	<input type="checkbox"/> None
3.35PM	<input type="checkbox"/> T4	<input type="checkbox"/> A1	<input type="checkbox"/> W3	<input type="checkbox"/> None	<input type="checkbox"/> T4	<input type="checkbox"/> A1	<input type="checkbox"/> W3	<input type="checkbox"/> None
4.15PM	<input type="checkbox"/> T5	<input type="checkbox"/> A2	<input type="checkbox"/> W4	<input type="checkbox"/> None	<input type="checkbox"/> T2	<input type="checkbox"/> A2	<input type="checkbox"/> W4	<input type="checkbox"/> None

Please keep a photocopy for your own records.

Now, please complete your Registration details *Please print*

Your Name: MR/MRS/MISS/MS

Position in Company:

Company:

Postal Address:

Work Ph: Fax:

Email:

How would you like to pay? (PLEASE TICK THE RELEVANT BOX OR BOXES)

Please find my cheque enclosed for \$

(\$450 incl gst for IMC members/\$495 incl gst for non-members).

Make cheque payable to Institute of Measurement and Control (Inc).

Please charge my credit card.

Mastercard Visa

Expiry Date: / /

Signature of Cardholder:

A paid tax invoice will be posted with confirmation by return post. In the event of over-subscription at any one session, early registrations will be given preference, with late registrations offered an alternative where required.

Please post your completed Registration Form to:

Control 2001, PO Box 35 001, Browns Bay, North Shore City, Auckland 1330.
Or, if you're paying by credit card, fax to: (09) 473 9109