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RA NEWSWIRE

• Robotic Automation P/L • RA Technologies P/L
• RA Service • RA Consulting • RA Finance

The RA Group of Companies

Celebrating 20+ years

▼MOTOMAN   OTC   ⚡ROBOPAC   RA·GV   MSK   klipaci

IN THIS ISSUE:

Winter Issue - June, 2012

- **RA** receives new national & international awards
- Staff Training to get the most out of your system
- *Motoman* goes 'Open Source'
- New application videos

RA Project Wins Gold in London!

Opening the gold medal tally early for Australia in London this year, **RA**'s project with **DuluxGroup** has garnered international recognition with two new awards. The categories won included **Best Automation System** and **Best Health, Safety and Environmental Practice**.

Thanks to London's *MWP Advanced Manufacturing* magazine and congratulations again to the teams involved, both at **RA** and our client-partner, **DuluxGroup**.

The *"Robo-Mixing"* project involved mobile, track-mounted robots in a ground-breaking application mixing custom powder-coat products to order.

See last Winter's *RA NEWSWIRE* for the project case-study (tinyurl.com/78k9jmp) or read the MWP Advanced Manufacturing Magazine article online (tinyurl.com/732ujop) for more details.

...Plus 2 Local Wins, 2 years running!

From Left: Stuart & Rob accept the *Zenith* award in Melbourne while Colin accepts the *Endeavour* award in Sydney on behalf of *Robotic Automation P/L* and *Amcor Cartons*.

RA is again the winner at the *Zenith* Awards (*PACE* magazine) and the *Endeavour* Awards (*Manufacturers' Monthly* magazine) for **Technology Application of the Year** - this time thanks to our client-partner **Amcor Cartons**, Botany and the End-of-Line project combining robotics, pallet-wrapping & AGV technologies...

See PACE tinyurl.com/6s96ru4 and Man-Monthly tinyurl.com/7hwexgo for details and previous *RA NEWSWIRE* for a full case study: tinyurl.com/7pnaa5u

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Train your Staff to Train your Robot...

Our Service Team is, of course, more than happy to

Motoman goes 'Open-Source'...

In a visionary move, **Motoman** have given open-access in collaboration with a US research institute to foster the development of an open-source industrial Robot Operating System (*ROS*) that can be used freely by all robot users...

http://youtu.be/E8sxdZ7PNOg

...If other manufacturers of industrial robots take up the challenge, the *ROS* has the

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program the operation & maintenance of your **Motoman** or **OTC** robots (or any other brand for that matter!) ...but you might consider the advantage of handling more of these tweaks in-house via a staff training course.

Our Training is designed to meet the needs of staff at various skill levels - and because it's provided by **RA** - you'll be accredited directly with the representative of **Motoman Yaskawa** & **OTC Daihen** in Australia / New Zealand. The course range includes:

- **Basic Training** courses for an overall grounding in robot safety & operation - this is available in a 2 day syllabus (or 1-day "crash-course") for as little as $560 per person.
- **Application Specific Training** which is tailored for the main individual tasks such as Palletising, Welding and Cutting, AGV deliveries etc... and further customised toward the processes in your specific installation.
- **Maintenance Training** includes parts replacement, signal flow & configuration, preventative measures, advanced trouble-shooting, and more.
- **Advanced Courses** include Robot Concurrent IO (Robot PLC Function), Advanced Arithmetic Functions, and more. Again tailored to the demands of your specific application.

Contact our Group Support Manager, Rob Gropp, to arrange the right training for your staff. Courses are available at our site or yours.

Call **1300 552 333** Australia-wide and get the most from your automation now.

potential to become a universal platform across all robot brands (reminiscent of the *Android OS* on mobile phones or the *Linux OS* on computers) releasing the proprietary strangle-hold that many high-tech companies still cling to - stifling development.

With a common OS freely available as a base, more developers are able to innovate, collaborate and launch software-driven applications that will really push the envelope of real-world industrial automation (especially in the growth areas of 3D vision & sensing) - making robots an even more powerful & flexible tool to industry. Robot manufacturers like **Motoman** who promote this development are taking a 'long view' which benefits their users and grows the entire robotics field.

http://www.rosindustrial.org/swri

Learn more about the new **ROS Industrial** Consortium & Software repository by visiting the links above.

New application videos to inspire...

The latest of **RA**'s application videos on www.YouTube.com now include...

- The new Motoman MPP3 delta-style picking plus MPK2 packing robots in high-speed action!
- the story of an Australian invention developed in conjunction with the CSIRO that uses a Motoman robot to build a wafer-based system to increase energy efficiency in the home. As featured on television's TodayTonight.

(Direct link www.youtube.com/user/RoboticAutomationPL)

Are you missing out?

Have you had an audit of your site's automation potential? Our team is always happy to advise you - call us on **1300 552 333** to enquire or simply reply to this email.

The RA Group   Ph: 1300 552 333   www.ragroup.com.au