TECHTORQUE NEWS

ACRODYNE Actuation and Control
Offering a World of Innovative Solutions

www.acrodyne.com.au

Celebrating over 21yrs of Actuation and Control

Volume 4 Issue 4

Welcome to the fourth issue of Techtorque for 2007. Your feedback about our newsletters as well as your suggestions for any particular products or applications that you would like to read about is always welcome. With your input, we will do our best to provide you with informative and relevant reading matter. Please email your comments and requests to our Sales and Marketing Manager, Chris Hoare, at choare@acrodyne.com.au.

May - Proximity Controls shows versatility

In a recent request, Acrodyne was asked to design and build 10 linear Ex d positioners complete with 4~20 mA output. The solution was utilising a PR45OD0-S position transmitter from Proximity Controls in conjunction with a positioner from YTC. This project again enhanced the versatility and importance of a product like Proximity Controls.

For more information about how Proximity Controls can help your business call Acrodyne or visit us on the web.

May - NOAH, among the best in the business

Acrodyne recently completed the export of 28 Noah 115 V, 60 Hz electric Actuators with ALS, for a prestigious project for the Royal New Zealand Navy. This project involved mounting the Noah electric actuators to 150# SS ball valves.

The Noah NA & SA series continues to be the preferred choice of economical & reliable valve action for on / off & valve position control in today's competitive market.

Water Industry Operators Association Expo is on again!

Come and visit Acrodyne at the W.I.O.A. conference where it is a great opportunity to view and discuss the latest advances in technical equipment with suppliers and trade consultants. The event will be staged at Dubbo Sports World, Sheraton Rd, Dubbo - 17th to 19th July 2007

For more information call Acrodyne on (03)8727-7800 or go to www.wioa.org.au

This Editions Character Quality

Flexibility

Willingness to change plans or ideas
… Adapt to situations.
… Work with others more effectively.
… Maintaining principles during challenging times.

Plants like the coconut palm learn to bend and flex with the constant pressure of ocean winds. When struck by a significant storm or cyclone the ability to be flexible builds strength and endurance enabling the palm to survive.
Being flexible requires:
Planning work to be done.
Being positive despite interruptions.
Finishing well.

Why is Flexibility important?
Flexibility enables us to constantly modify the way we do things and improve our processes, customer service and profitability.

For more information regarding Character First contact Philip Greenwood at People and Culture on (03) 9018 7971 or 0411 131 449
www.peopleandculture.com.au

Who's New at Acrodyne

Michael Szabo joined us in May to fill a varied role including external sales, service technican and various workshop duties. Michael is a qualified Electrician and has also spent 7yrs with the Tasmanian Police and 17yrs with Hydro Tasmania. He is married to Janet and has 6, yes thats right 6 children. He currently resides in Boronia and spends his recreational time playing golf, surfing, running and weight training.

Next Issue: The Latest All-In-One Actuator from PS Automation

Bluetooth Basics

Bluetooth wireless technology is a short-range communications technology intended to replace the cables connecting portable and/or fixed devices while maintaining high levels of security. The key features of Bluetooth technology are robustness, low power, and low cost. The Bluetooth specification defines a uniform structure for a wide range of devices to connect and communicate with each other. Bluetooth technology has achieved global acceptance such that any Bluetooth enabled device, almost everywhere in the world, can connect to other Bluetooth enabled devices in proximity. Bluetooth enabled electronic devices connect and communicate wirelessly through short-range, ad hoc networks known as piconets. Each device can simultaneously communicate with up to seven other devices within a single piconet. Each device can also belong to several piconets simultaneously. Piconets are established dynamically and automatically as Bluetooth enabled devices enter and leave radio proximity. A fundamental Bluetooth wireless technology strength is the ability to simultaneously handle both data and voice transmissions. This enables users to enjoy variety of innovative solutions such as a hands-free headset for voice calls, printing and fax capabilities, and synchronizing PDA, laptop, and mobile phone applications to name a few.

Why Bluetooth

Thanks to the unique concept of "profiles," Bluetooth enabled products do not need to install driver software. The technology is now available in its fourth version of the specification and continues to develop, building on its inherent strengths — small-form factor radio, low power, low cost, built-in security, robustness, ease-of-use, and ad hoc networking abilities. Bluetooth wireless technology is the leading and only proven short-range wireless technology on the market today shipping over five million units every week with an installed base of over 500 million units at the end of 2005.

Bluetooth and the new Limitorque MX

The MX now offers Bluetooth technology as optional, up to 10 metres. When used with Limitorque's Windows CE based graphical software interface Dashboard ™, diagnostic information can be transferred easily to a PDA with Windows Mobile 5 platform, laptop computer or smart cell phone. In addition, new firmware can be uploaded and actuator configurations transferred from one device to any number of subsequent actuators.