

## NEW PRODUCTS FROM BRITAIN

---

PRESS RELEASE – NPD6579

### **INNOVATIVE INTERFACE LINKS COMPUTERS TO CONTROL SYSTEMS**

For those involved in the design of test instrumentation and product control systems, a versatile interface has been developed by a British company so that computers can be linked up to control and monitoring systems.

*USBDO96*, from easyDAQ Ltd, is a 96-channel digital output module that provides low-cost control of 96 relays through the company's *DIO24Mx* relay PCBs. It fits in the USB port of a computer and can be connected and removed while the host computer is still powered. No external supply is needed, as the USB port also supplies power to the PCB.

The new module allows test rigs, teaching aids and prototype control systems to be driven by the software in existing computers, which can also monitor the results. When work on the system is finished, it can be dismantled while the software and data remains in the host computer, ready for use on other applications.

Company director Chris Harden says: "Our interfaces are being used around the world, including the aerospace industry, to test the hydraulic pumps and motors used in electromechanical systems; on an engine test bed, to monitor the output of temperature and pressure instrumentation around the engine; and by a Japanese manufacturer, to test and monitor the laser lamps used in photocopiers and scanners."

The product range can typically switch either 10A at 240V or signal level currents up to 1A. The relay contacts are electrically isolated from the control circuitry and opto-isolators fitted for complete protection against