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[www.actisense.com](http://www.actisense.com)

## **Actisense USG-1 makes connection headaches a thing of the past**

Actisense, the market-leading brand from Active Research Ltd, is launching the new USG-1, a device which provides a safe and easy connection between a computer USB port and an NMEA 0183 system, allowing data to be safely sent and received.

This is the first Actisense product to use the new "ISO-Drive" circuitry, which allows a totally floating output to be created. This output is both NMEA 0183 and RS232 compatible, and has a healthy 1500V d.c. isolation from the ground. As with all Actisense products, the input is protected using the trusted Actisense opto-isolation interface. This means that the PC is fully protected against any potentially hazardous ground difference voltages on the NMEA 0183 bus.

Managing director, Phil Whitehurst, said: "The USG-1 is completely unique in its market place. Currently, if you want to connect your PC to your boat's electronics, you can buy an off-the-shelf serial to USB lead. However this has no isolation or protection, leaving your PC open to potential damage from spikes of high voltage or "ground loops", where two systems are on different power supplies, resulting in a burnt out PC, or in worse case scenarios, a fire. The USG-1 provides a completely secure connection that will protect both the user and their PC."

Actisense will officially launch the USG-1 at the METS show in November this year. The product will be on sale from November 7th 2006. For further information please visit [www.actisense.com](http://www.actisense.com) or call 01202 746682.

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notes to editor...



## Notes to Editor

Active Research was founded in 1997 to design innovative and reliable marine electronic equipment. We developed the first smart depth sensor, which is now marketed through Airmar Technology Corporation. Active Research has been instrumental in designing products for many marine electronic companies, with many thousands of products on the market showing off the company's design expertise.

The "Actisense" brand name was created in 2001 to help promote the company's growing range of marine interconnection devices and smart sensors. A range of products has now been designed and is being actively marketed with the aim of becoming a leader in the interconnection and sensor market segment.

Active Research has now made over 55,000 products, and although relatively unknown at present (as 90% of these products are incorporated into other manufacturers' equipment), Actisense will be releasing a wide range of marine products to the market over the next year, and will be pursuing greater recognition through advertising, press releases and representation at marine trade shows.

Based on the south coast of England in Poole, Active Research Limited has now grown to six employees. Three of these are full time engineers, meaning that the company has a very high investment in R & D, with over 40% of revenues being spent on new product development each year.

Active Research is a member of both the BMF and the NMEA.

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