Adventiq launches new KVM-over-IP system on a chip

Cambridge, England, June 7th, 2006. New semiconductor designer Adventiq has announced details of its first product, a system-on-a-chip designed for remote KVM (keyboard, video and mouse) control of PCs and servers.

Every sizable company needs to be able to remotely manage its computers and servers. Support resources are often placed where they can be provided most cost effectively, and effective support means being able to access a computer or server during start-up, shutdown or lock-up states as well as during normal operation. Remote KVM control is therefore an essential complement to facilities such as remote log-in that depend upon the target computer being functional.

To date, companies seeking a KVM solution have had to choose between low-cost analog switches - which extend access only a few hundred meters - and high-cost digital KVM-over-IP solutions which offer access from anywhere in the world over standard IP networks.

Chief Executive Peter Wharton explains "The $800m global KVM marketplace is shifting from analog switching to digital KVM-over-IP. The flexibility of KVM-over-IP means it has taken a significant slice of the market despite costing ten times more than traditional analog switches. By eliminating the size and cost disadvantages of current digital solutions, our system-on-a-chip will greatly accelerate this transition."

The new product, ARQ3, is a low cost, high performance ASIC that provides higher performance, stability, and integration than currently available solutions. Aimed principally at manufacturers of KVM switches, ARQ3 is also suitable for a broad range of embedded and industrial applications.

ARQ3 was developed in close collaboration with RealVNC, the originators of the VNC product family. VNC software has become the industry standard for cross-platform remote access, trusted by tens of millions of users worldwide. ARQ3 embeds a RealVNC Enterprise Edition Server, capable of supporting remote sessions from the original open-source VNC viewer, the free-to-download RealVNC version, or a standard web browser. Many users will therefore already be familiar with the user interface.

Adventiq's silicon solution uses highly efficient adaptive compression algorithms and innovative video processing techniques to give a significantly improved user experience over a wide range of network bandwidths. Highly robust enterprise grade security is a standard feature, as is support for remote USB media.

For more information please contact sales@adventiq.com or visit www.adventiq.com.

For media enquiries please contact Nicky Dibben, Invention Marketing Limited, e-mail nicky@invention–marketing.co.uk, phone +44 (0) 1223 235399.