PRESS INFORMATION

Frontier Silicon and Penthera Technologies to develop a common multi-standard platform supporting DVB-H and DAB-IP

London, October 11, 2006 – Frontier Silicon announces a collaboration with Penthera Technologies Inc. to deliver the world's first open multi-standard DVB-H and DAB-IP receiver solution. Penthera's fully interoperable DVB-H/DAB-IP mobile client software, Penthera Viewer™, will be developed on the "Malibu" platform provided by Frontier Silicon and based on the Paradiso FS1030 multi-standard system-on-chip. In providing DVB-H along side DAB-IP, the new solution enables manufacturers to increase their addressable market with a single design. The same handsets can potentially be used on BT Movio's recently launched mobile TV and DAB digital radio service in the UK as well as other mobile TV services around the world.

The Malibu platform, available from December 2006, will enable leading mobile handset manufacturers to achieve economies of scale by delivering a single mobile TV solution that addresses multiple market segments and standards. Handset makers will be further attracted to the solution as it defines a common software API (application programming interface) across DAB-IP, DVB-H and the host media processor, while offering ultra-low power and small footprint chipsets. This guarantees a low cost, highly optimised solution and ensures robust performance even under poor signal conditions.

Emma Lloyd, Managing Director of BT Movio, said; "We believe that a simple and compelling consumer experience is key to the widespread adoption of mobile TV. This development will seamlessly join the capabilities of DAB, DAB-IP and DVB-H, so that consumers will have more choice of TV and radio channels as spectrum is released in the future. Consumers will also get more choice of mobile phones as manufacturers take advantage of the economies of scale that one hardware solution delivers.."

“With the Malibu platform, we have been able to provide a turnkey, end-to-end reference design spanning hardware and software that will be flexible enough to satisfy all customers, whether they are working with DAB-IP, DVB-H or T-DMB in the UK, Europe or Asia,” said Matthew Hatch, VP for Mobile Digital TV at Frontier Silicon. “Also, as more spectrum is released in the UK for broadcast mobile TV services, the combination of DAB-IP and DVB-H will give handset vendors and service providers the option to expand their offerings to support multiple standards.”

“Evolving our existing DVB-H capabilities to support DAB-IP is exciting since it provides device manufacturers with a single, integrated multi-bearer, multi-mode solution,” said Sam Leinhardt, CEO of Penthera. “In an emerging market with various standards and technologies, manufacturers are seeking integrated solutions that reduce complexity, time-to-market, and costs. Combining our multi-standard software with Frontier’s multi-standard IC completes the picture.”

Penthera Viewer™, which is part of Penthera’s mobile broadcast software suite, enables mobile devices such as mobile phones, PDAs, laptops and other mobile devices to receive live TV, radio and other revenue-rich multimedia transmissions. Complete with support for Windows Media or H.264 encoding, DRM interoperability, and a variety of operating systems, Penthera Viewer will extend its support for multiple DVB-H mobile broadcast air interface implementations to include DAB-IP.

Frontier Silicon’s recently announced Paradiso FS1030 multi-standard digital TV baseband IC is the first chip designed specifically to address the myriad of mobile TV handset receiver standards resulting from differing regional deployment and spectrum regulation. It is capable of receiving mobile TV, video, audio and data services over multiple standards including DVB-H, DVB-T, T-DMB, DAB-IP and enhanced packet mode DAB.

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Editor's notes:

About Penthera (www.penthera.com)
Penthera is a privately held company providing a complete software solution for mobile broadcast services. Penthera’s solution set includes a carrier-class, broadcast head-end services platform,

along with middleware and application-level softwarefor handheld devices. Founded in 2005, Penthera's executive team previously founded and operated Eizel Technologies, Inc., a Carnegie Mellon University spin-out which built mobile web and email connectivity software. Eizel was acquired by Nokia in 2003. Penthera is based in Pittsburgh, Pennsylvania.

About Frontier Silicon (www.frontier-silicon.com)
Frontier Silicon is the leading supplier of digital and RF integrated circuits and modules for mobile TV and DAB digital radio products. Frontier is supplying solutions for leading products such as the Samsung B2300 and SGH-P900 T-DMB mobile phones and has over 80 percent market share for DAB receiver solutions. Frontier Silicon’s products include solutions for DAB digital radio, T-DMB and DAB-IP and a multi-standard receiver solution for mobile TV reception combining DVB-H, T-DMB and DAB-IP.

Customers include Bang & Olufsen, Bush, Denon, Goodmans, Grundig, JVC, Onkyo, Philips, PURE Digital, Roberts Radio, Samsung, Sharp, Sony and TEAC. Frontier Silicon has operations in UK, Ireland, China, South Korea and Japan.

Contact details:
Jonathan Colbourne, Marketing and PR manager
Tel: +44 (0) 1923 474220
Fax: +44 (0)1923 202251
Email: press@frontier-silicon.com