



Splitted-Desktop Systems announces joint technology agreement

Agreement with Thermacore and Alcore Brigantine to deliver passively cooled, high performance fanless system solutions

Splitted-Desktop Systems (SDS) has signed a Joint technology Agreement (JTA) with Thermacore and Alcore Brigantine to jointly develop advanced core material for cooling and work on the latest state of the art of passive cooling solutions for the x-86 based Internet Appliances and other electronic devices.

SDS is an innovative French company specialized in developing products for access to the Internet, develops digital appliances and terminals (set-top boxes, Internet access Points, Communications Panels ...) based on industry standards: x86 processors and 3D video chips. SDS target markets include: Internet service providers, Hospitality, public Internet access and digital signage.

This technology agreement will allow partners to explore fin thickness as low as 10 microns (0.01 mm), and high efficiency, as to drive fully fanless M98 GPU under load as well as upcoming AMD flagship mobile Turion64 II Ultra M640.

Thermacore specialise in bespoke thermal management solutions, offering custom design, development and manufacturing of highly engineered systems and components for a variety of OEM applications. Nearly 40 years of experience in the design, development and manufacturing of passive two-phase systems provides Thermacore Europe Ltd with unparalleled engineering design expertise, thermal solution performance, quality and reliability standards imperative to our clients.

Alcore Brigantine is the French leading manufacturer of metallic honeycombs dedicated to design and manufacture composites structures. The company supplies its products to a large range of application fields, and honeycombs enter in structural parts for satellites and aircrafts, for railways rolling stocks, for shipbuilding, for Architecture, etc.

SDS has been producing fanless systems solutions in a set top box form factor and in a desktop Internet Terminal form factors that have been commercially available for few months. This JTA will further enhance delivery of passive cooling solutions using newer technologies that rely on composite material and high efficiency heat pipes to create next generation of consumer computers fully fanless, quiet and requiring less power.

SDS is the first company to have succeeded in cooling AMD-mobile Sempron 3700+ CPUs and M96 GPUs in the market. In fact, SDS can now cool a Turion64 Ultra II running at 2.6Ghz and a GPU M98 running at 550 Mhz with GDDR5 memory

"We are pleased with the results we have achieved in the past focusing primarily on the CPU and Chipset in our Terminals and Set Top Boxes, this agreement will allow us to further scale our solutions and apply them to high performance GPUs " Said Jean-Marie Verdun, president of SDS

Honeycombs are mainly dedicated to core materials function in sandwich composite structures. Nevertheless and for several years, Alcore Brigantine develops honeycombs for several niches using other properties of metallic honeycomb : Energy absorption equipments for trains and for highways security, Lamination of gas or liquid turbulent streams, Light guides, etc.

“This JTA with SDS and Thermacore opens for Alcore Brigantine a new and exciting field of application for our technology and know how. This project leads us to develop new products designs and processes for an attractive potential volume of activity” Said Frédéric Caramanos, President of Alcore Brigantine.

The technology is closely developed and tested with AMD, a worldwide leader semiconductor company specialized in x86 and graphic solutions.

First products based on technologies developed through the JTA are expected to reach market in Q1 2010 and will deliver high efficient cooling solution driving fanless up to 60 Watts components. The technology developed will be available as OEM agreement.