



DeepStream
Technologies



WEF Technology Pioneer creates new Systems & Equipment Awareness market

According to Harbor Research, DeepStream Technologies leapfrogs the wireless sensing sector to create a new Systems & Equipment Awareness market using 3D digital sensing

25 January 2007, Davos: World Economic Forum (WEF) Technology Pioneer, DeepStream Technologies (North Wales, UK), will fundamentally disrupt the multi-billion dollar global electrical monitoring and control markets according to a white paper from Harbor Research released today.

Harbour research has stated that DeepStream's 3D digital sensing system takes a 'pervasive' approach to electrical monitoring and control by viewing electrical current as a ubiquitous 'signature' for any electrical products' monitoring and control, sidestepping the current clamour for wireless sensing.

DeepStream's technology enables Original Equipment Manufacturers (OEMs) to add simple, unobtrusive remote monitoring and control, not previously possible, to a broad range of general commercial and household electrical devices and systems such as switchgear or appliances, making them intelligent.

Many organisations have tried and failed to create ubiquitous intelligent sensing but have failed. DeepStream's technology is successful because it combines advances in silicon, automotive and communication technologies in a unique fashion.

Revolutionary benefit examples of OEMs integrating DeepStream's technology include electricity bills being managed automatically to give the best possible, energy-efficient rate, early warning alerts triggering repairs before products fail, and a leak in a water heater being controlled from a mobile phone.

Glen Allmendinger, president, Harbor Research, said: "We have now entered the age where everyday electrical products will 'pervasively' communicate with and control other products over networks 24/7, without human attention or intervention.

“DeepStream’s technology can enable the majority of analogue electrical products to be part of this digital revolution, by treating virtually all concerns about electrical equipment or systems – from comfort and convenience to security and safety – as one problem. DeepStream Technology offers one scalable solution and creating a new Systems and Equipment Awareness market.”

The Harbor Research white paper offers a range of characteristics for ‘System Aware’ technology of the future including:

- Being inexpensive, wireless, easy to install and intuitive to use
- Integrating energy metering and related measurements
- Adding digital capabilities for improved accuracy and safety features thus converting “dumb” electromechanical products to “smart” solution platforms
- Being extensible (new sensors work with the existing system, preserving buyer investment)
- Integrating with a broad array of IT devices for alerts, management and support of systems (e.g. PDAs, IR, mobile phone, etc.)

Speaking from Davos, Switzerland at the WEF annual meeting, Mark Crosier, CEO, DeepStream Technologies said: “We have been recognised as a WEF Technology Pioneer 2007 and the Harbor Research white paper supports in detail why we have such a disruptive technology and vision.

“I encourage global OEMs and organisations involved in electrical monitoring and control to read the white paper to see the huge potential of System Aware technology and how it will fundamentally change our business and daily lives.”

The Harbor Research System Awareness White Paper can be downloaded free at:
<http://www.harborresearch.com/>

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About DeepStream Technologies

DeepStream Technologies, the intelligent sensing & control Company, designs and manufactures system level component solutions, using a proprietary 3-Dimensional shaped circuit technology, for Tier 1 global equipment manufacturers (OEM's).

Launched in 2004 and voted the Start-up of the year at Elektra 06, the European Electronics Industry Awards, DeepStream’s embedded intelligent components enable the creation of next generation products with embedded

energy management, efficiency control and enhanced functionality for the energy, building automation, industrial control and appliance markets.

Mark Crosier, DeepStream's CEO, is a WEF Technology Pioneer and in June 2007 won the Ernst & Young north region Science & Technology Entrepreneur of the Year award.

Headquartered in Bangor, North Wales, DeepStream has research, development and high volume manufacturing facilities at the same location. The company has secured both private and public funding from organisations including Doughty Hanson Technology Ventures, 3i, HSBC and the Welsh Assembly Government.
(www.deepstream.com)