

Frost & Sullivan Award for Technology Innovation

2006

FROST & SULLIVAN

Technology Innovation Award

AWARD DESCRIPTION

Frost & Sullivan's Technology Innovation Award is bestowed upon a company (or individual) that has carried out new research; which has resulted in innovation(s) that have or are expected to bring significant contributions to the industry in terms of adoption, change, and competitive posture. This award recognizes the quality and depth of a company's research and development program as well as the vision and risk-taking that enabled it to undertake such an endeavor.

RESEARCH METHODOLOGY

To choose the award recipient, Frost & Sullivan's analyst team tracks innovation in key hi-tech markets. The selection process includes primary participant interviews and extensive primary and secondary research via the bottom-up approach. The analyst team shortlists candidates won the basis of a set of qualitative and quantitative measurements. The analyst also considers the pace of research and technology innovation and the significance or potential relevance of the innovation to the overall industry. The ultimate award recipient is chosen after a thorough evaluation of this research.

MEASUREMENT CRITERIA

In addition of the methodology described above, there are specific criteria used to determine the final rankings. The recipient of this award has excelled based on one or more of the following criteria:

- Significance of the innovation(s) in the industry, and across industries (if applicable)
- Potential of the products of innovation(s) to become industry standard(s)
- Competitive advantage of innovation vis-à-vis other related ones
- Impact (or potential impact) of innovation(s) on company or industry mind share and/or company bottom line
- Breadth of intellectual property related to the innovation(s), i.e. patents, scientific publications, papers in peer reviewed journals.

EMITALL Surveillance

AWARD RECIPIENT: EMITALL SURVEILLANCE SA

The 2006 Frost & Sullivan Technology Innovation Award in the field of Investigative support for Homeland Security is conferred on EMITALL Surveillance SA. This award recognizes the company's latest research in the field of remote video surveillance and privacy protection systems as cutting edge and likely to have a profound impact in the homeland security sector.

The surveillance market over the last decade has shown consistent growth not only in incremental recording technology but also in the field of data processing technology. The meld of artificial intelligence with data processing software was an absolute stroke of genius since it allows organizations to view surveillance systems in a new light. From the point of view of cutting costs, reducing manpower and increasing accuracy these AI powered surveillance systems are likely to rule the roost in the future. Though no company is yet to come up with a completely automated system many companies are striving to make this hypothesis a reality. One company, among many that is working towards innovating such systems is EMITALL Surveillance SA.

A reasonably new company, EMITALL Surveillance SA has been quick to catch up with the leading players in the market through its active R&D

program. A leading developer of Intelligent Video Surveillance technologies, EMITALL is known to provide advanced solutions for remote video surveillance systems and privacy protection in public video surveillance. With its global team of experts in encoding and compression technologies as well as in video and image analysis, this company delivers high-performance video surveillance solutions for residential, retail, police departments and public (security & defense departments) markets.

To be commercialized in 2006, the two new product lines this company is working span remote video surveillance and privacy protection systems. EMITALL Surveillance remote solution answers to the needs of police and investigative teams by providing them with portable equipment that can be installed in crime hotspots. This surveillance system offers not only easy and seamless access to video and images of a video surveillance system, any time and from anywhere but also allows the residential areas to be cheaply equipped with video monitoring systems-- providing high quality images for criminal identification. Similarly the privacy protection systems aid security departments to allay the citizens' fears about the loss of their privacy. Privacy protection systems, a cost-effective technology for public institutions, can either be added to existing video surveillance systems or implemented with new video surveillance installations.

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The privacy protection system's features, which often involve multiple levels of scrambling, allow a better acceptance by public of video surveillance systems.

EMITALL Surveillance solutions are based on most advanced and best performing technologies. Using the recent JPEG 2000 standard EMITALL's surveillance technology avails of all the benefits affiliated with using that standard. JPEG 2000 is used to encode video; it allows events detection and regions of interest identification. The resulting regions of interest can then be encoded with better quality and scrambled. Furthermore when compared to other masking technologies that are already available in the market their new technology boasts better functionality, greater level of security and reversibility which is a key to any scrambling software.

With five patents already filed and five more to go EMITALL is aggressively working at innovating new technologies and introducing them into the market. Compatible with the latest of international standards this company's technology is ready to take the market by a storm. The Frost & Sullivan Technology Innovation Award identifies not only this company's propensity to develop unique technologies but also the possibility of these technologies becoming big in the market.

FOR MORE INFORMATION, PLEASE CONTACT:

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