



News Release

Released: May 2005

Senscient recognizes VERTILAS GmbH as Preferred Supplier

Senscient, Ltd. is proud to recognize VERTILAS GmbH as a preferred supplier in the commercialization of their revolutionary technology for Open Path Gas Detection (OPGD) systems, **Enhanced Laser Diode Spectroscopy (ELDS™)**. Senscient uses VERTILAS highly reliable VCSEL laser diodes, combined with patented techniques for reducing the effects of Relative Intensity Noise (RIN), absorption by atmospheric gases, and fringe/coherence effects, to provide cost-effective, sensitive detection of flammable and toxic gases for the Oil & Gas Industry.

The advantages of ELDS technology compared to the currently available gas detection technologies include open path detection of both toxic and flammable gases by a single unit, remote electronic functional testing of detectors (**Simu-Gas™**), no un-revealed failure modes, high sensitivity, and significantly reduced installation and maintenance costs.

VERTILAS VCSEL laser diodes have helped to facilitate the realization of Senscient's ELDS technology by offering an infrared source with a wide wavelength tuning range, enabling measurement of multiple absorption lines and / or multiple gas species with a single VCSEL device. Their wide wavelength tuning range also enables arrays of VCSELs, operating at the required wavelengths, to be installed on a common temperature stabilized mount. VERTILAS VCSEL are simple to package and are the most cost-effective laser diode source for use in spectroscopy.

Mr. Lee Richman, Senscient's Managing Director, has extensive experience of the design, regulatory approval, manufacture and support of gas detection equipment. Mr. Richman notes, "*Enhanced Laser Diode Spectroscopy (ELDS), has been developed to take OPGD to a new level for our customers, enabling them to employ this technique in the most demanding safety-related gas detection applications.*"

Mr. Richman is joined by a number of experienced personnel from within the gas detection industry, many of whom have worked together as a team in the past. The team has a very clear vision of the future of gas detection and is determined to develop products that significantly improve the way customers protect their property and personnel. Senscient, Ltd. is currently in the start-up phase of their business. Having developed and safeguarded ELDS technology through international patent applications, the current focus is on gathering financial support and partnering with industry's top leaders and innovators to bring this new technology to the market. Senscient recognizes the importance of quality suppliers like VERTILAS, who not only offer innovative technical products, but also offer superior customer satisfaction principles and practices.

Contact Details:

Senscient, USA

Ms. Jean Berthold-Belote, Sales and Marketing Director
120 Bayou Bend Drive
League City, Texas, USA 77573

Tel: 281-639-9168

Email: jeanb925@earthlink.net