

Optiqua Technologies receives the 2009 Asia Pacific Frost & Sullivan New Product Innovation Award for Water Contamination Detection and Sensing Technologies.

Optiqua Technologies Pte Ltd, the Singapore-based provider of state-of-the-art optical biosensor solutions for the international water industry, has been awarded the 2009 Asia Pacific New Product Innovation Award by Growth Partnership Company Frost & Sullivan for its water contamination detection and sensing technologies.

Research analysts at Frost & Sullivan evaluated Optiqua Technologies' superior performance against key competitors on a range of criteria, including the innovative qualities of Optiqua's technology platform and added value to its customers.

"Given the criticality of having potable water, Optiqua's committed efforts in developing products to detect water contamination are truly remarkable. Optiqua's EventLab is an excellent tool that offers high sensitivity as an early warning system for monitoring water quality. Solutions offered by the company provide efficient sensor systems that are highly sensitive, provide data in real time and are easy to deploy at a relatively low total cost of ownership," says Avanti Chitnis, Research Analyst for Frost & Sullivan's Technical Insights team.

Melchior van Wijlen, Managing Director Optiqua Technologies said, "We are very honoured to receive this award, it is an important recognition of the added value that our technology brings to the international water industry. It strengthens our ongoing ambition to develop new and innovative applications for our clients, using the unique benefits that our optical sensor technology provides."

Optiqua Technologies, a subsidiary of Dutch optical sensor company Optisense, established its presence in Singapore at the end of 2007. The company chose Singapore based on the city-state's position as a global hydrohub and business gateway to the Asia Pacific markets.

In 2008, the company collaborated with national water agency PUB to carry out testing of its sensor technology for applications in the water industry, supported by the Singapore Economic Development Board (EDB).

To facilitate and support its expanding research and product development activities, the company recently moved to its new Research Centre at PUB's WaterHub, a one-stop platform for technology, learning and networking.

"The collaboration with Optiqua reflects PUB's commitment to research and technology to try to find more efficient ways of managing our water resources. PUB has been working very closely with Optiqua to test-bed and validate its sensor technology. The results have been promising, and there is great potential to use the technology to enhance PUB's early warning capabilities," said Mr Harry Seah, PUB's Director of Technology and Water Quality.

Mr Goh Chee Kiong, Director for Cleantech, EDB congratulates Optiqua on winning the award. Mr Goh remarked, "We are very pleased about this award which testifies to Optiqua's progress to become a world-class player in water sensor technologies. This

also demonstrates the value of innovations being developed by companies in the fast-growing water and environmental ecosystem in Singapore. We look forward to partnering with Optiqua to further leverage the synergies within this Singapore ecosystem.”

The current focus of Optiqua Technologies is on its product lines Optiqua EventLab, an on-line early warning system that was first introduced at the Singapore International Water Week 2009, and its target sensor solution Optiqua MiniLab. The international market launch of the product lines is supported by joint collaboration programmes with launching partners in Asia and Europe. The company also explores new sensor applications for the water industry, leveraging on its highly sensitive optical biosensor technology.

Melchior van Wijlen said, “We look forward to further expand our R&D activities in Singapore in close collaboration with our partners. It provides us with an important platform to service our clients with new and innovative sensor applications”.

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Mr Sanjay Singh, Vice President Industrial Technologies Asia Pacific at Frost & Sullivan, presenting the award to Mr Melchior van Wijlen, Managing Director of Optiqua Technologies



About Optiqua

Optiqua Technologies provides next generation optical biosensor technology for online early warning systems and the detection of organic and microbial contaminants in water. The patented 'Lab-on-Chip' technology is recognized by a range of reputable international industry partners and guarantees highly sensitive real time detection, available in multiple sensor applications. The company is based in Singapore, the international HydroHub and gateway to the fast growing Middle Eastern and Asian regions. Optiqua is a subsidiary of Dutch optical sensor company Optisense (www.optisense.nl).

About Frost & Sullivan

Frost & Sullivan, the Growth Partnership Company, enables clients to accelerate growth and achieve best-in-class positions in growth, innovation and leadership. The company's Growth Partnership Service provides the CEO and the CEO's Growth Team with disciplined research and best-practice models to drive the generation, evaluation, and implementation of powerful growth strategies. Frost & Sullivan leverages over 45 years of experience in partnering with Global 1000 companies, emerging businesses and the investment community from 40 offices on six continents. To join our Growth Partnership, please visit <http://www.frost.com>.

About PUB

PUB is a statutory board under the Ministry of the Environment and Water Resources. It is the national water agency, managing Singapore's water supply, water catchment and used water in an integrated way. PUB won the 2007 Stockholm Industry Water Award and was named Water Agency of the Year at the Global Water Awards 2006.

About PUB's tagline: Water for All: Conserve, Value, Enjoy

PUB has ensured a diversified and sustainable supply of water for Singapore with the Four National Taps (local catchment water, imported water, NEWater, desalinated water).

To provide water for all, PUB calls on all Singaporeans to play our part to conserve water, keep our water catchments and waterways clean and build a relationship with water so we can enjoy our water resources. We can then have enough water for all uses – for industry, for living, for life.

About EDB

EDB is the lead government agency for planning and executing strategies to enhance Singapore's position as a global business centre and grow the Singapore economy. We dream, design and deliver solutions that create value for investors and companies in Singapore. In so doing, we generate economic opportunities and jobs for the people of Singapore; and help shape Singapore's economic future.

'Host to Home' articulates how EDB is sharpening its economic development strategies to position Singapore for the future. It is about extending Singapore's value proposition to businesses not just in helping them improve their bottom line, but also in helping them grow their top line. EDB plans to build on existing strengths and add new layers of capabilities to enable Singapore to become a *'Home for Business'*, a *'Home for Innovation'* and a *'Home for Talent'*.

For more information on how EDB can help your business, please visit **www.sedb.com**

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