



Eurocontrol's XwinSys Announces Novel Solution for the Semiconductor Industry

- NMT: Noise-reduced Multilayer Thin-film Measurement System a Revolutionary Tool -

Toronto, CANADA, February 23, 2016 - Eurocontrol Technics Group Inc. (TSX Venture: EUO) ("Eurocontrol" or the "Company"), a Canadian public company specializing in the acquisition, development and commercialization of innovative authentication, verification and certification technologies, is pleased to announce that its subsidiary, XwinSys Technology Development Ltd. ("XwinSys"), has finalized the integration of its novel XRF technology, named NMT, in its state-of-the-art hybrid product line.

This technology is intended to serve the evolving metrology and inspection needs of the semiconductor industry that have evolved recently to keep pace with the advent of 3D (three dimensional) stacking structures for continued miniaturization of devices at an affordable cost. XwinSys was founded to satisfy a need to analyze solder bumps for the fledgling 3D IC (integrated circuit) market segment and thus gained critical insight into additional opportunities. The XwinSys NMT technology, acronym for Noise-reduced Multilayer Thin-film measurement and analysis, enhances traditional X-ray fluorescence (XRF) solutions and overcomes limitations of currently entrenched technologies for measuring thin and ultra-thin films. These thin films, which can be a single layer of atoms of a specific material, are a critical component in the construction of advanced semiconductor devices. The key attribute of the NMT technology is a dramatic improvement in sensitivity which is achieved by improving signal to background noise. Testing of the XwinSys NMT technology has demonstrated superior performance for a wide variety of semiconductor applications.

An abstract describing the XwinSys NMT technology will be published in the March edition of the Journal Solid State Technology (www.electroiq.com).

Doron Reinis, Chief Operating Officer of Eurocontrol stated, "Our NMT technology is an industry innovation that is designed to be successfully utilized for a variety of in-line applications in the semiconductor and related industries. We are extremely pleased to announce the completion of full integration in our hybrid product line that combines this enhanced XRF with our 2D and 3D optical measurement techniques, and we wish to thank the Office of the Chief Scientist of Israel for its support in grants over the past two years, as well as the facilitation of important product testing by major semiconductor manufacturers and prospective customers."

Bruce Rowlands, Chairman and Chief Executive Officer, added, "The rapid increase in interest in NMT from leading manufacturers in the global semiconductor industry is a clear indication to us that this ground-breaking technology could have a significant impact on the industry."



365 Bay Street, Suite 400
Toronto, Ontario, Canada M5H 2V1
T 416 361 2808 | F 416 361 2519
eurocontrol.ca
TSX : EUO

Specialists in innovative authentication, verification and certification technologies

Eurocontrol ranked on Profit500 in two consecutive years



About XwinSys Technology Development Ltd.

XwinSys was founded at 2012 and is a wholly owned subsidiary of Eurocontrol. The company is located in the hi-tech industrial park at Migdal Haemek in Israel. XwinSys is led by an outstanding team of senior managers, board members and global advisers with vast accumulated experience in high technology industries and is dedicated to the design, manufacture and marketing of novel solutions based on improved x-ray technology combined with automated optical 2D and 3D microscopes, for the semiconductor and related industries.

The XwinSys NMT technology was designed to offer an innovative cost effective technological solution to the rapid-growing semiconductor industry. It offers a new approach that meets the challenge of roadmap requirements for inspection and metrology of 3D structures in the semiconductor industry. 3D-IC is the fastest growing segment of the semiconductor industry and leads the way to vertical stacking that is evolving as the disruptive force of the industry. For more information on XwinSys, visit www.xwinsys.com.

About Eurocontrol Technics Group Inc.

Eurocontrol is a TSX Venture listed company that specializes in the acquisition, development and commercialization of innovative authentication, verification and certification technologies. Eurocontrol has two wholly owned subsidiaries, Xenemetrix Ltd. and XwinSys Technology Development Ltd. Xenemetrix is a leading designer, manufacturer and marketer of ED-XRF systems, a technology that is the most accurate and economic method for determining the chemical composition of many types of materials, including the analysis of petroleum oils and fuel. Xenemetrix has an exclusive long-term supply, maintenance and support agreement with SICPA/GFI to supply SICPA/GFI with Xenemetrix products and services related to the oil and gas marking and monitoring field. XwinSys is in the final stage of developing a fully automated metrology system for the semiconductor industry that combines 2D and 3D image processing technology with Xenemetrix's ED-XRF technology.

For further information on Eurocontrol, please visit the Company's website at www.eurocontrol.ca or contact Bruce Rowlands, Chairman and CEO at (416) 361-2809 or browlands@eurocontrol.ca.

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