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## **Extending into professional thermography and security markets**

IR imaging and thermography portfolio for scientific, industrial and security applications

*Leuven, Belgium, 15 March 2010 --- Xenics, Europe's leading developer and manufacturer of advanced infrared detectors and customized imaging solutions covering the IR spectrum from LWIR into the visible realm, continues to grow and innovate its way out of the current recessionary climate. Xenics is extending its range of products to the very promising high-volume security and high end thermography markets. At this year's SPIE DSS, Xenics will highlight its substantial innovations by showing high quality products such as the Onca, Xlin and Meerkat families.*

"We are broadening our product portfolio as well as our strategic presence in new markets, changing from a mainly technology-driven to a fully market-driven approach," says Xenics founder and CEO Bob Grietens. "In addition to our fast growing business in advanced InGaAs SWIR imagers we are now serving the markets for uncooled bolometer and cooled InSb / MCT / QWIP detector solutions, building on our strong scientific-based but application-oriented R&D portfolio."

At DSS 2010, Xenics will demonstrate its continuing innovation in advanced IR solutions, especially its latest developments in thermography and for security applications, which are rounding out the product portfolio by adding value to cover new applications. This product strategy is an answer to the impending changes in the markets and it will ensure the company further expansion and growth.

In the framework of its latest innovative developments, Xenics will give an overview of its proven capabilities in science-based design and production of IR imaging and thermography solutions. On view will be a number of commercially successful and pioneering products: Meerkat, Xlin, Onca, Bobcat, Gobi, and Cheetah - underlining the growing market demand for technically advanced but affordable IR solutions.

One of the timely consequences of Xenics' new strategic direction is to extend its advanced camera program to various demanding security applications. Usually, the equipment geared to these markets conforms rigidly to military specifications. However, to adapt to and take advantage of the budgetary

restraints of many institutional customers, Xenics is pursuing a different path, as Grietens explains: "We are offering high-quality, multi-spec commercial systems – almost military-level – to an important and growing subset of the security market - at an affordable price point and easy maintainability."

Featured prominently will be Xenics' line-scan detector Xlin-1.7-1024 sporting a unique combination of features for high-speed imaging applications. At a full high-speed line rate of 40 kHz and a resolution of 1024 pixels in combination with a 12.5 µm pitch, Xlin enables much more accurate inspection and smaller particle detection at shorter wavelengths than other cameras. This very competitive combination of product features positions Xenics in the upper echelons of line-scan camera providers on the world market.

Likewise, Xenics' Onca family, a high-end IR and thermal imaging platform with cooled detector offering high detectivity, good stability, increased dynamic range via super framing, TrueThermal calibration and a filter wheel for spectral or high temperature measurements, is claiming top position in competitive rankings. The Onca camera is suited for scientific applications as well as industrial process monitoring, high-speed imaging, target signature radiometric data collection, tracking and IR spectroscopy. At more than 100 images per second, image acquisition and control are compatible with GigE Vision and CameraLink for easy system integration.

Since its successful launch in 2000, Xenics has grown into a world-leading vendor of IR components and systems delivering a wide range of flexible product configurations and camera settings, besides customized solutions according to agreed specifications. As a sole-source Europe-based supplier of InGaAs detector solutions, Xenics draws on leading local talent and knowledge bases to export its products to worldwide markets.

#### **About Xenics:**

Xenics is the leading developer of innovative infrared detection solutions for a wide range of applications. Xenics designs, manufactures and sells infrared detectors and cameras, both line-scan and 2-D, covering the infrared wavelength ranges from 0.4 to 14 micrometers. In addition, Xenics delivers custom products according to the agreed specification and planning. As a European vendor with a worldwide service and distributor network, Xenics is strategically placed to serve global markets with highly innovative products drawing on a strong science and technology background.

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