

## **3D Vision Open Day at ABB Robotics, Milton Keynes**

Scorpion Vision Ltd is pleased to announce a major UK industry event for machine vision integrators and machine builders who use industrial vision technology. Scorpion Vision 3D is the very latest development from Tordivel AS of Oslo, Norway. It is the first configurable 3D framework for machine vision engineers and offers a number of advantages over traditional 2D vision technologies.

Following the Scorpion Vision concept of a modular, non-programming, open platform; the new module makes 3D Measurement, 3D Robot Vision, Random Bin Picking and 3D Assembly Verification feasible for everyone.

The simplicity of Scorpion 3D configuration belies the fact that complex mathematical algorithms are being processed behind the scenes in real time. For example, creating a stereo camera array for robot vision is simply a matter of calibrating the two camera images with height and 2D coordinates. This preparation requires no prior 3D expertise and can take as little as 30 minutes. The end result is a powerful enhancement for robot vision, which is just one example of a key benefit to industry.

The built-in sub-pixel measurement capability which was already a key aspect of Scorpion is the foundation on which the 3D product is built. Now, with the availability of multi-core processors that offer significant performance gains due to enhanced multitasking capability, more complex algorithms can be processed in near real time. The impact for Scorpion users, is that 3 dimensional measurements, in-line on the production line are now possible and within reach of even the smallest manufacturing companies.

Scorpion 3D is available as an add-on for retrofitting to existing 2D systems, thus improving performance through robustness and reliability.

The 3D Vision Open Day is a networking opportunity for robot integrators, machine vision engineers and end users alike to find out more about 3D vision, how to configure it and how it can be applied to solve complex vision problems.

Venue: ABB Robotics, Auriga House, Precedent Drive, Rooksley, Milton Keynes MK13 8PQ

Date: Thursday, 24<sup>th</sup> April 2008

Time: 1230 – 1630

For further details about Scorpion Vision 3D and Scorpion Vision workshops, call Paul Wilson on 01590 679333

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