

## Press release

Informal Reporting VISION 2007 / August 2007

### **Hardware-based blob analysis available as new VisualApplets image processing operator.**

At VISION2007, **SILICONSOFTWARE** releases a new feature for the graphical programming tool VisualApplets.

Applications with requirements of object detection or region labeling can be realized with the new set of operators.

The operators guarantee processing in real time. The implementation take place in a FPGA processor and requires VisualApplets as programming interface.

The pre-processing package is designed for a modular use. Operators needed for a custom application, can be selected and combined. Besides RLE coding and blob analysis, the user can plug operators i.e. for the detection of the contour, the calculation of the area or the determination of the "center of gravity".

The real time blob analysis is demonstrated on VISION exhibition. The complete package for VisualApplets will be available beginning of 2008.

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Silicon Software GmbH, located in Mannheim/Germany, is a manufacturer of intelligent pre-processing solutions based on reprogrammable FPGA technology for machine vision applications. The hard- and software products are designed for flexibility, easy handling and performance featuring user programmable FPGA technology.

### Exhibition information

VISION 2007  
06.-08.11.2007  
Silicon Software GmbH

Booth 4D26  
Hall 4