



Product Focus

The Door is Open for OpenCV

OpenCV is already an established name in the field of machine vision. However, in combination with the Kithara real-time system, the function library is raised into the highest echelons of image processing.

As a result of our ongoing efforts to connect all relevant vision software components with Kithara RealTime Suite, it is now possible to combine the cost-efficient integration as well as the functional variety of OpenCV with “hard” real-time capabilities. This means that OpenCV can be run with guaranteed reaction times of only a few microseconds, which allows for the profitable implementation of various projects with time-critical image processing requirements. The result represents an ideal foundation for applications in fields such as quality assurance or robotics.

OpenCV owes its widespread utilization in industry and research to its large number of optimized standard algorithms, including face and object recognition or segmentation. Additionally, OpenCV is considered to be a high-performance machine vision library, due to the fact that multi-core features can be applied to great effect, thus reaching relatively high amount of frames per second. Furthermore, the software is free for commercial use under the BSD license.

With the addition of true real time the door for industry-capable machine vision with OpenCV has been opened—you just have to walk through it.

The latest information about Kithara products as well as a free 90-day trial version can be found **▶ on our website.**

