

Press Release

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20 Years of VisionBox



Image: Old VisionBox DCI & current VisionBox LE MANS

VISION 1998 – a start-up with then 4 years of experience in image processing introduces a compact computer box with DSP and real-time operating system. Since then, new generations of VisionBoxes have been invented and produced in series. Today, real-time capable 8-core DSPs, 4-core i-Core CPUs or 8-core Cortex-A72 CPUs are at work in the boxes. Additionally, the ARM technology is also present in the intelligent cameras with line or area scan sensors.

However, processors only provide the necessary computing power. In reality, it is more about juggling many different interfaces, their (real-)time behaviour and the integration into a machine as an embedded machine vision system. The company founded by Dipl.-Ing. Carsten Strampe has been operating under the name of IMAGO Technologies GmbH since 2009 and is setting its focus on the future for the anniversary:

“Let’s talk about the future! Giving new products, new ideas and current trends a pragmatic answer.”

Author: Vivien Möslang, Marketing

IMAGO Technologies GmbH: The company, founded in 1994, offers manufacturers of series systems specifically optimized VisionBoxes based on processors from Texas Instruments, Intel and NXP. A

technology kit includes camera, I/O, LED Controller, Ethernet and fieldbus interfaces. Combined with the standard products, an ODM (Original Design Manufacturing) design is quickly and easily created. Depending on the processor type, the systems run in real-time mode on RT Linux, Linux or Windows Embedded. IMAGO supplies customers in the areas of industrial image processing and traffic engineering as well as device manufacturers, with the main focus always lying on optimized image processing functionality.



Embedded-Vision-Architects since 1994

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