



MVTec is a leading international manufacturer of software for machine vision. Within just a few years, MVTEC has achieved the technological market leadership. MVTEC's industrially proven software products HALCON and ActivVisionTools are used in industry and in a large variety of application areas, for example:

- quality assurance: inspection of dimensional accuracy, color, completeness, surfaces, etc.
- print inspection of printed, punched, or embossed material
- subpixel precise measurements of 1D, 2D, and 3D structures
- identification of arbitrary objects, reading of bar codes and data codes as well as optical character recognition (OCR) and verification (OCV).

HALCON and ActivVisionTools contribute to a substantial reduction of the development time. Our customers appreciate the resulting improved time to market their products.

Industries

Aerospace and space travel · Automobile parts and manufacturers · Ceramics · Chemicals · Electric components and equipment · Food · Glass production and processing · Health care and life science · Iron, steel, metal · Machinery · Medical supplies · Mining · Paper products · Pharmaceutical · Photogrammetry and remote sensing · Precision engineering and optics · Printing · Railroads and trains · Rubber, synthetic material, foil · Semiconductors · Shipbuilding · Surveillance and security · Telecommunication · Transport · Wood and timber



Products



HALCON is well known as comprehensive machine vision software that is used worldwide. It leads to cost savings and improved time to market: HALCON's flexible architecture facilitates rapid development of machine vision, medical imaging, and image analysis applications.

HALCON provides an extensive library of more than 1150 operators with outstanding performance for blob analysis, morphology, pattern matching, metrology, 3D calibration, and binocular stereo vision, to name just a few.

HALCON secures your investment by supporting a wide range of operating systems and providing interfaces to more than 50 frame grabbers and hundreds of industrial cameras.

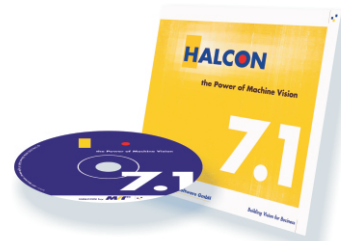


ActivVisionTools is the outstanding result of MVTEC's expert knowledge in machine vision: a quick and efficient application creator with an easy-to-use graphical interface.

By directly supporting digital I/O boards and interfaces to more than 50 frame grabbers and hundreds of industrial cameras, ActivVisionTools is integrable into any production process. ActivVisionTools' open software architecture is extensible and scalable to always fit your needs. Several tools such as ActivAlignment, ActivBarcode, ActivBlobFinder, ActivDataCode, ActivMeasure, ActivOCR, are based on the established HALCON library.

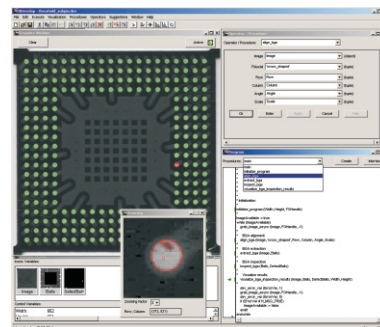
References:

Adamon Science, Advantest, Allied System, Aval Data, Asahi Optical, Beissbarth, Biopsytec, BMW, Bon Electric, Bosch, Dainippon Screen, Datacon, Deutsche Bahn, E. Zoller, Edec, Envisage Systems, Equos Research, FHS (former MBB), Fujifilm Seltech, Fujitsu, Furukawa Information Technology, Gillette, GlaxoSmithKline, Hitachi, Horon, HOYA, Japan National Oil Corp., JT Engineering, Klar Automation, Koito Industries, Komatsu Engineering, Kowa, Link System, 3M, Melco, Maicro Technica, Matsushita, Mikrotron, Mitaka Kohki, Mitsubishi, NEC Machinery, NED, Newport, Nichiden Machine, Nikon, OHM Electric, Okano Electric, Philips, Sankyo Seiki, Seiko Instrument, Sharp, Shinturukai Industry, Siemens, Sony, Techno Enami, Toshiba, Toyota, Teradyne, Xerox



Solutions + Services

MVTec supports its customers extensively in the implementation of their machine vision task. Apart from using our standard software products, customers may cooperate with MVTEC in projects: in this case, MVTEC develops the complete software part of the customer's application. Our efficient techniques and methods ensure that the customer's ideas are optimally implemented.



HDevelop: IDE for machine vision

Distribution

HALCON and ActivVisionTools are available via a global distribution network. Our highly qualified distributors assist you with quick and comprehensive support. Furthermore, they offer training courses, which are individually designed to fit your requirements.

<http://www.mvtec.com/sales/>