

**W**hen in 1996 our employees started to produce the first cameras in our factory in the German Thuringian city of Stadtroda, nobody could have had any inkling of how quickly the development of Allied Vision Technologies would stride ahead. Whereas the company was able to establish itself primarily in those first few years as an expert in the modification of cameras for international manufacturers of automated assembly equipment, the well-founded expertise it developed over the years led to profound technical knowledge and experience, and enabled the company to present the first series of its own products to an international audience in just a short period of time.

The portfolio of Allied Vision Technologies thus underwent fundamental, well-planned, and systematic changes: from being a highly qualified developer and modifier, it became a highly competent developer and manufacturer of Machine Vision components for the world market. Today Allied Vision Technologies is one of the few highly specialized suppliers of its own brand of cameras "Made in Germany." In the last four years alone, the number of its employees has quadrupled and its product



range has expanded many times over. With the arrival of new and faster interfaces, AVT placed itself at an early stage and very deliberately at the forefront of a development that is now influencing the entire field of technology: the digital transmission and processing of image data is the driving force behind automation processes that are advancing at a faster and faster pace.

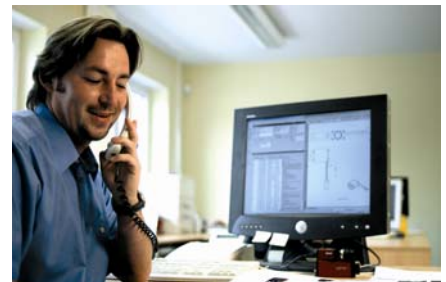


Allied Vision Technologies was one of the first companies to give its full backing to the Firewire interface, which has now become the industrial standard – for the simple reason that it is superior to analog technology in many areas. Today Firewire is a fully-fledged system, whose most up-to-date versions, IEEE 1394b and IEEE 1394c, can even transmit data at rates far in excess of those currently available on the market. Because they started using Firewire technology at such an early stage, the engineers at AVT now possess an unbeatable store of expertise.

The six camera lines – DOLPHIN, MARLIN, OSCAR, PIKE, GUPPY and STINGRAY – provide a wide selection of possible image qualities with their various sensor sizes and image resolution levels. Black-and-white, color, high-resolution, or with a high frame rate: for every application there is the right camera. Every year, tens of thousands of cameras leave Allied Vision Technologies' own factory in Stadtroda, where the state-of-the-art production technology is flexible and designed to

meet the highest quality standards. Specialists from a very wide variety of disciplines, specialists and master-craftsmen and graduate engineers, master the complete production process from development and technical design to production and quality control. They can look back on many years of training, and bring with them the accumulated experience of the historically established production location of Jena – the so-called "Silicon valley of the image-processing industry."

For complex requirements such as those of medical engineering, all of our cameras are manufactured in clean-rooms with dust categories 100,000 and 10,000. We thus meet the demanding requirements for processing and purposes of use: the production processes comply with the critical specifications and Standards of the European Space Agency (ESA) and conform to the conditions for space travel technology and the specifications of IPC-610 /Cat. 2. All this enables us to ensure a standard of production that guarantees an unbeatably high product quality, even with large unit quantities.



Major international corporations and global players value the "one-stop shopping" that AVT can offer; everything comes from one source, from the individual development to integration and application. This is how Allied Vision Technologies has managed to develop in a short time into one of the finest names in the field of industrial image processing.