



ASYS GROUP

The ASYS group of companies is an international and rapidly expanding manufacturer of modular and automated production machinery for the electronics and solar energy industries. Products offered by the company include screen printers, process machines, handling systems and special purpose equipment. Established in 1992 and based in Dornstadt near Ulm in Germany, ASYS Automatisierungssysteme GmbH is the parent company and oversees the activities of the entire group, which now employs a total of 620 personnel worldwide.



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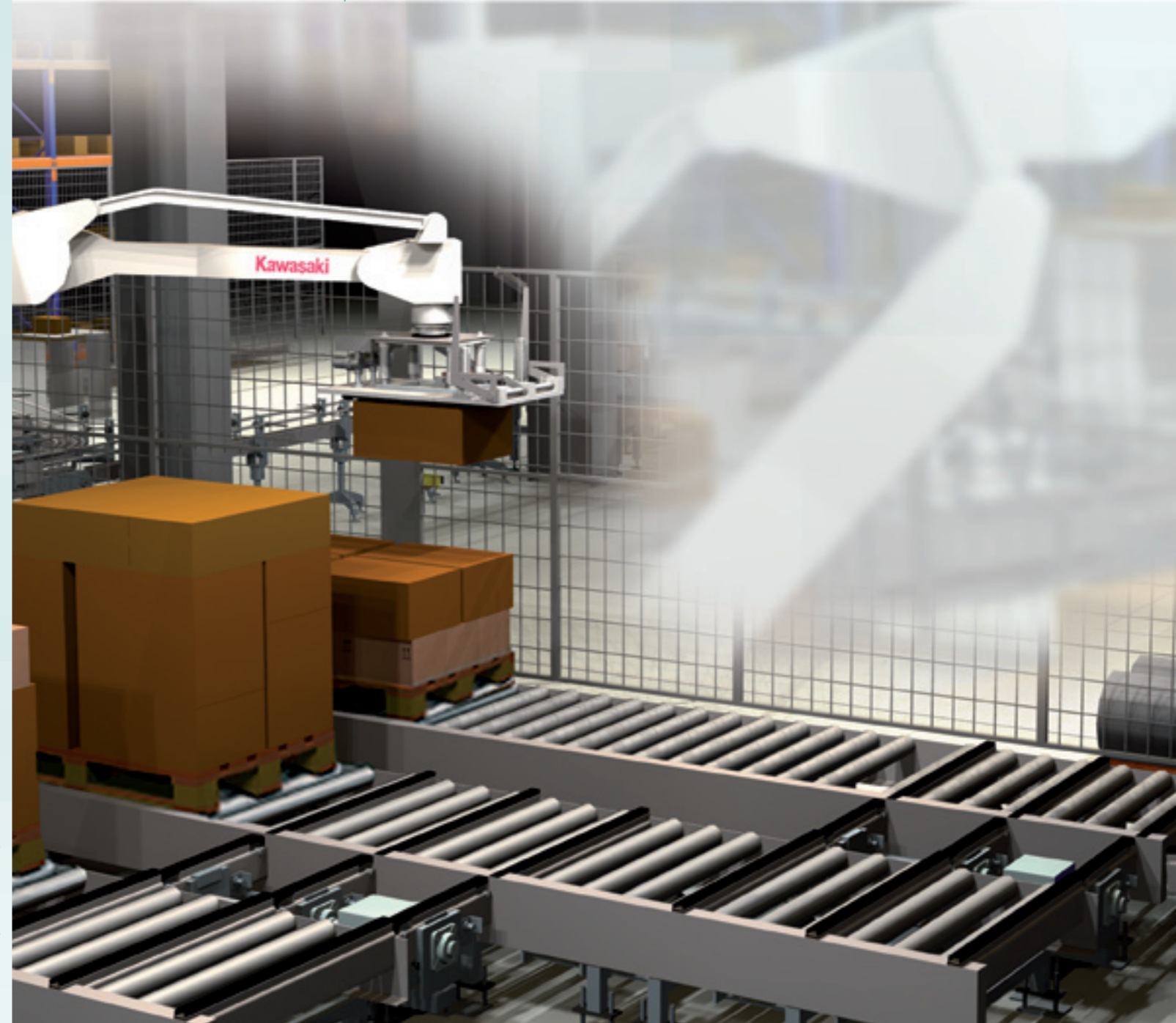
Die DUALIS GmbH IT Solution

DUALIS GmbH IT Solution is a leading provider of innovative simulation, optimization and production scheduling solutions from Germany. Founded in 1990 in Dresden by Prof. Krug over 200 customers worldwide were able to improve and optimize their production processes since then. Self developed software tools in the areas of Simulation and Optimization are the base of the DUALIS customized applications in different industrial areas like Automotive, Packaging, Automation Assembly, Robotics and Logistics. Extract of the DUALIS customer and partner reference list in the DUALIS GmbH IT Solution production and process industry: Audi AG, DaimlerChrysler AG, Volkswagen AG, Shell Deutschland Oil GmbH, Schenker Deutschland AG, Wilhelm Karmann GmbH, MDC Power GmbH Kölldeda, ZF Lemförder Fahrwerktechnik GmbH & Co., Miele&Cie. KG,



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Satz/Gestaltung: www.blaurock-nuglisch.de



3D-Simulation

Factory simulation helps ASYS win new business

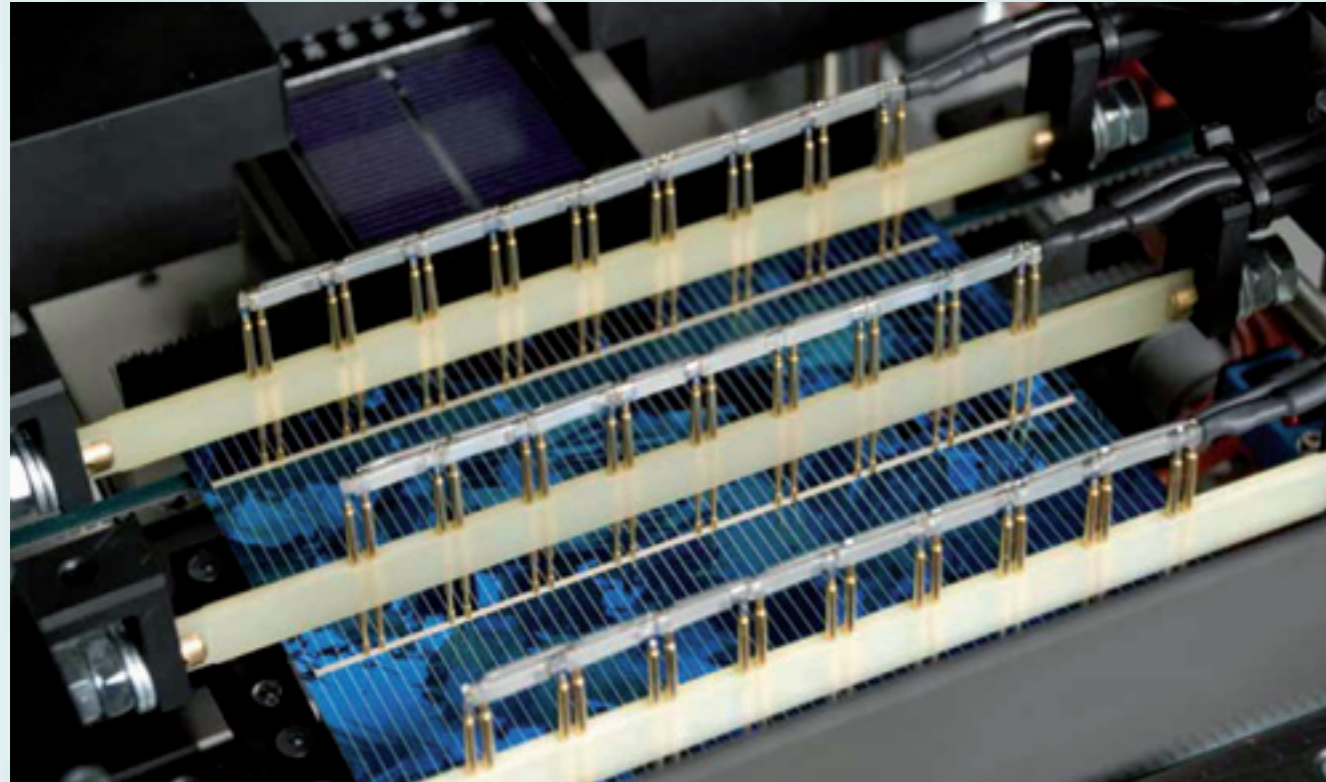
DUALIS . Success Story | Visual Components ASYS Automatisierungssysteme GmbH

ASYS gains major benefits in marketing, sales, engineering and manufacturing

The worldwide marketing, sales, engineering and manufacturing resources of the ASYS group of companies, plus its external business partners, are gaining major financial savings and competitive advantages by using cost-effective, 3D factory simulation software from Visual Components.

More than an eighty per cent improvement in sales response time has been achieved and the software is now deployed throughout the German company's global marketing and sales network, including its business partnerships.

One of the most important benefits to date has been experienced in the marketing department, using Visual Components as a means to rapidly create all kinds



ASYS SOLAR Metallization Lines



ASYS Montagezelle AAC - Assembly Cell

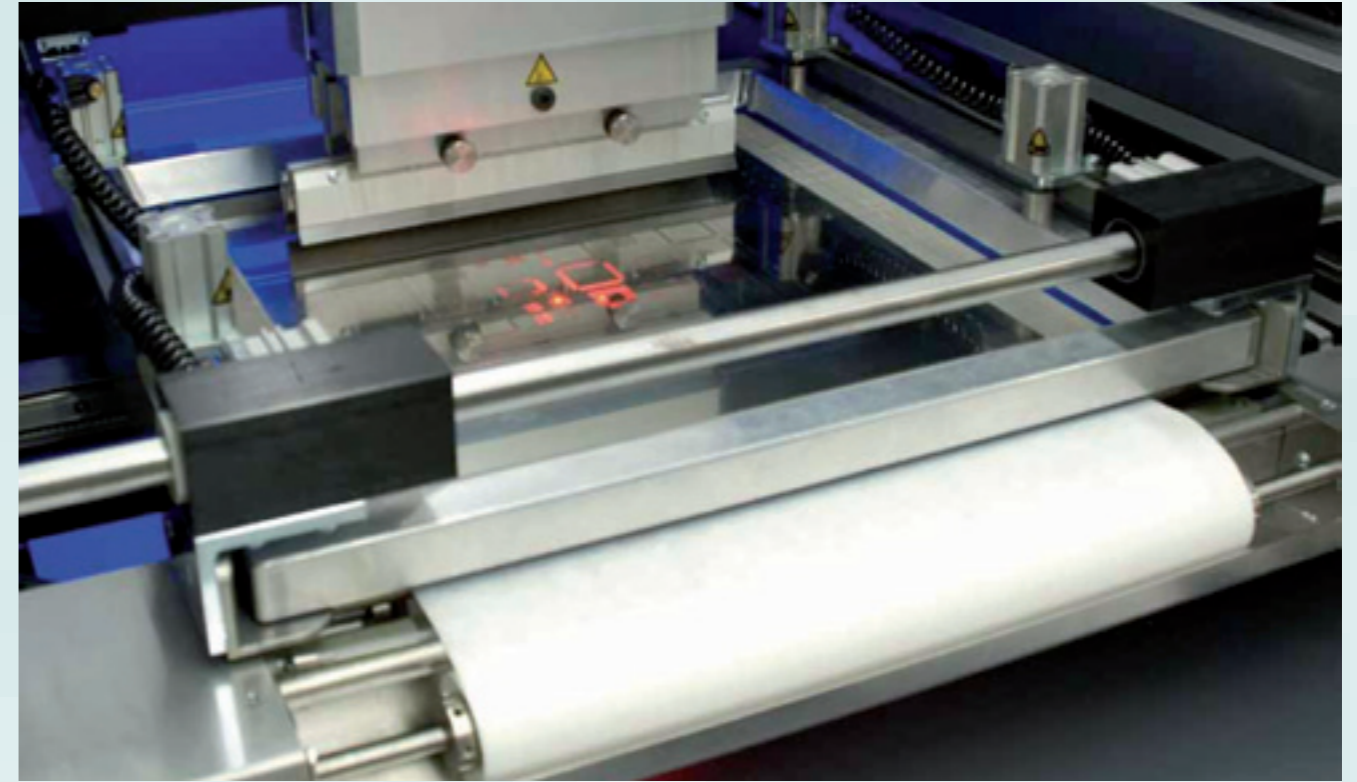
of material, such as graphic displays and literature for trade shows, advertisements for magazines, or marketing information such as data sheets and brochures.

Before, to produce a high-quality 3D illustration for marketing or sales presentations was costly and time-consuming. It meant commissioning an external industrial design studio to produce the artwork. The industrial designers manually developed an illustration for an existing machine or system from a 2D CAD layout and other images supplied by ASYS. An illustration for a new machine relied on a CAD drawing and close dialogue with the company's engineers. If a variant, option or radical change was requested a totally new illustration had to be produced. Not being linked to a CAD database, the existing illustration could not be re-used.



"Today, we have one database - one central library of digital models - which is accessed by all our sales resources around the world. They have this cost-effective, flexible and portable tool to show prospective customers in 3D the latest ASYS product portfolio, with the additional feature of highly realistic and dynamic animation," said Bronner. "It is both a powerful marketing and sales tool, but also greatly helps our engineering and manufacturing departments as well."

OEM Business Manager Klaus Bronner, ASYS Automatisierungssysteme GmbH



EKRA Screen and Stencil Printer

In 2004 the company purchased all three packages within the Visual Component's software suite. OEM Business Manager Klaus Bronner, based at ASYS group's Dornstadt headquarters near Ulm in Germany, said: "Now, once we have presented a proposal, if a customer wishes to see additional 3D layouts, we can adjust the existing configuration within a few minutes and e-mail back a PDF graphics file of the modi-

fied production line configuration. In this case we can save even more time, up to ninety per cent, compared to what we did before."

In addition, thanks to Visual Components lightweight data structure for modelling, a video showing the proposal in full 3D simulation, animated if required, can be e-mailed to the customer and viewed on the suite's free-to-use simulation package.



powered by  VISUAL COMPONENTS