

DECOSYSTEM SRL

PRINT QUALITY UNDER CONTROL AT GRAFITALIA

DeCoSystem was created in 2001 with the goal of developing artificial vision technology for the quality control of printed and decorated products. The base idea of the whole project was the creation of a high-specialized company with a team of technicians who are expert either in image-analysis or in printing technologies. Today DeCoSystem engineers have acquired a specific know-how working in close contact with the operators directly on printing machines.

Thanks to this innovative approach and to the important investments carried out, DeCoSystem has reached important market areas becoming one of the reference companies of this sector. The echo of the successes in numerous applications realized in different sectors has spread to machine manufacturers who have established with DeCoSystem profitable partnerships. This kind of collaborations has allowed DeCoSystem to continue investing in research and development and it also allowed manufacturers to use highly customized artificial vision technology with fast results and without noteworthy investments.

Among DeCoSystem's several products and applications there are two very interesting systems:

PERFECTO

PerFecTO is a 100% real time print inspection system for offset printed sheet. Designed to be used on a printing press, PerFecTO is particularly suitable for packaging cardboard controls – especially pharmaceutical boxes – but it can be successfully used to control labels, patient information slips and any other top-quality sheet.

A 100% real time inspection system so powerful, so relentless in its defect detection, and so superior in its simplicity couldn't be called differently than PerFecTO.

SCANDIFF

Scandiff is an out-line system developed for digital image comparison. In particular with Scandiff it's possible to compare a print proofing with a digital pdf file (pdf/bmp) or with a pre-stored reference model validated by the customer. It's also possible to compare two digital files; for example it's possible to compare the customer's original file with pre-press file (pdf/pdf).

Scandiff guarantees and certifies the absence of errors due to Pdf files manipulations. It is also the best solution to find out any problem in the clichés which are not easily detectable using conventional visual processes.

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