

ACTIVISION BLOBFINDER

You Name It, We Find It

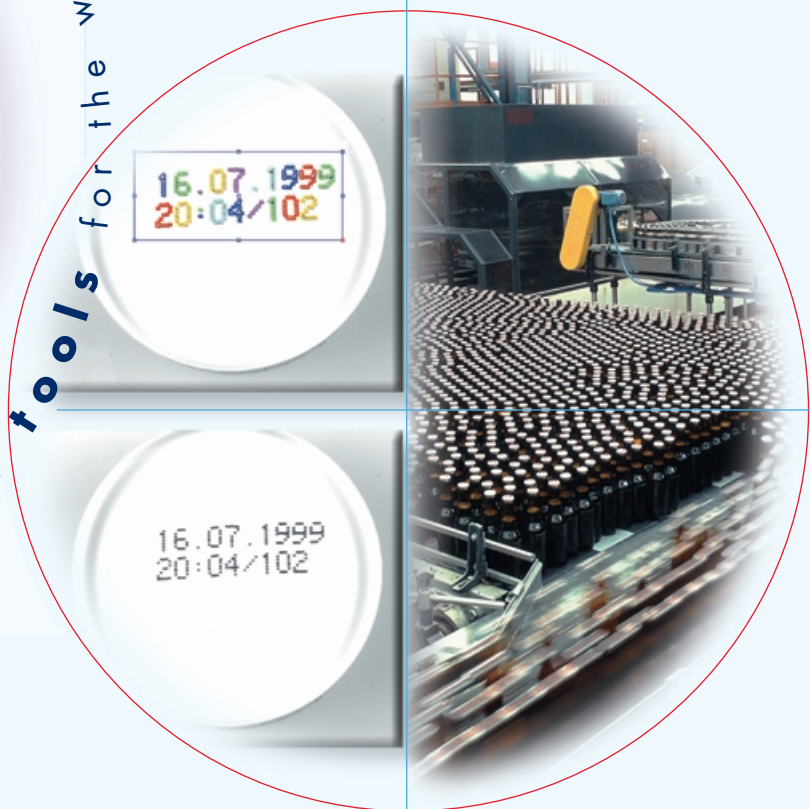
✓ Sophisticated algorithms for extracting blobs

✓ Intelligent use of context information

✓ Additional processing of extracted blobs



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of machine vision
for the world of tools
the family of



ACTIVISION **tools** by **MVI**^{EC}

www.activ-vision-tools.com • MVTec Software GmbH

ACTIVBLOBFINDER *at a Glance*

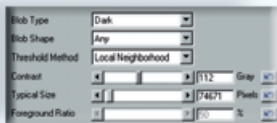
assign regions of interest



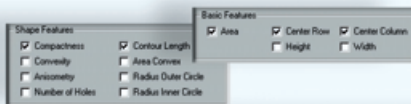
view images, ROIs, results



extract blobs using different methods



further process extracted blobs



analyze the blobs

Object Id	Area	Center Row	Center Column	Compactness	Contour Length
0	2724	963.57	706.60	1.07	199.10
1	2432	218.21	730.02	1.07	190.51
2	2853	949.23	796.66	1.07	199.75
3	2706	444.68	811.43	1.07	190.75



Features ActivBlobFinder

Choice between different extraction methods

Includes optimized methods to extract characters and lines

Further processing steps allow to fill holes or split blobs

Resulting blobs can be analyzed using ActivFeatureCalc or ActivOCR

Features of all ActivVisionTools

Fully interactive - no line of code needed for the connection with other ActivVisionTools,

the configuration of data streams and execution methods,

or the assignment of regions of interest (ROIs)

Easy adaptation to your task via multiple user interfaces

Fast and accurate, based on the powerful HALCON library