

Raster Module



nanoCAD's **Raster module** extends the nanoCAD platform with tools that import, correct, and vectorize raster images. The Raster Module is brand-new to nanoCAD.

Color Filtering

The Raster Module's color filtering tools prepare images for subsequent operations. Color filtering improves the quality of images after operations that move entities in the image or change the resolution through scaling, alignment, rotation, calibration, and four-point correction. Tools in color filtering include the following:

- ✓ Adaptive Blur
- ✓ Blur
- ✓ Contour sharpness
- ✓ Median

Semi-automatic Tracing

The Raster Module vectorize raster images of any type through tracing. It also smoothes and removes artifacts from monochrome images.

Rasterization

The Raster Module Rasterize and merges selected vector and raster data onto underlying raster images. The selection can consist of raster images or/and CAD objects.

Raster Image Selections

The Raster Module selects the following portions of raster images and transfers them to new raster images on specified layers:

- ✓ Areas of raster images
- ✓ Multiple interconnected raster points
- ✓ Raster lines segments of any shape defined by intersections with other raster lines or by endpoints
- ✓ Raster entities, such as raster lines, arcs and circles

