

Updated and new features:

#### Mscan2v5

1. Fixed bug in reporting sampling efficiency.
2. Added two Image Cropping methods,
  - a. *Edit-> Crop* will crop the image in memory
  - b. *Analysis->Film Scanner (Cropped Region)* allows selection of a target region but retains the complete image array in memory, for repeated analysis.
3. *Help->Info. & Current Version* will attempt to open your browser to the Mscan web page.
4. Creative Commons license notification added.

#### Mscan2v4

1. *Analysis* now interprets rotated and flipped (left-right) images in large image files with multiple target elements. For example, the new 5-up version of the film target can be used.
2. *Edit* now includes a *crop* function. This should be useful for scans of the above large targets. You do not need to use this, but the subsequent locating of the analysis regions will be more accurate if you do.
3. In the *Help* menu you will see a *Reinstall Programme* function. This deletes information about previous selections (a preference file) and can be helpful after a program crash.
4. Improved *File -> Save as* function. From the Results window of the *Analysis* function you can now save as JPEG or a higher-resolution TIF file.

Software has been tested for Windows XP and Windows 7.

Peter D. Burns, [pdburns@ieee.org](mailto:pdburns@ieee.org)