```matlab
function [MIL] = extractMIL(video_path)

    text_files = dir([video_path '*_MIL_TR001.txt']);
 assert(~isempty(text_files), 'No initial position and ground truth
 (*_gt.txt) to load.')

 f = fopen([video_path text_files(1).name]);
 MIL = textscan(f, '%f,%f,%f,%f');  %[x, y, width, height]
 MIL = cat(2, MIL{:});
 fclose(f);

    MIL = MIL(:,[2,1]) + MIL(:,[4,3]) / 2;

end
```

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