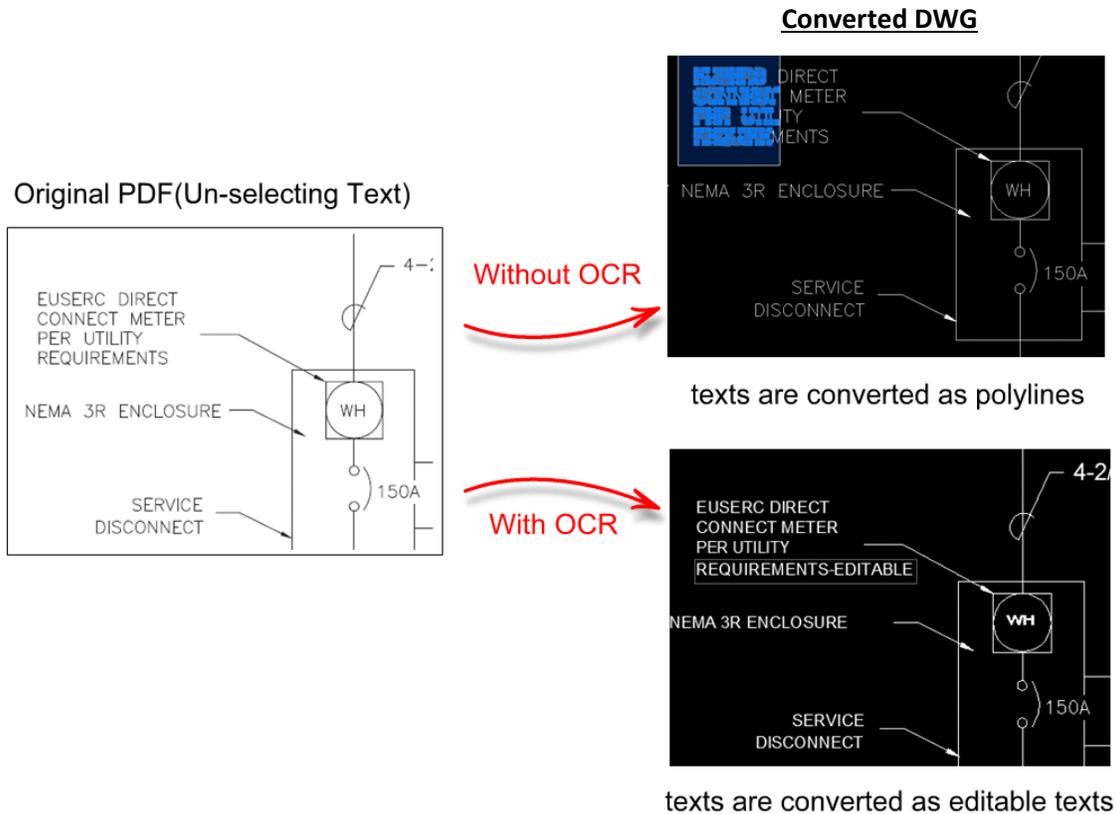


## AutoDWG OCR User Guide

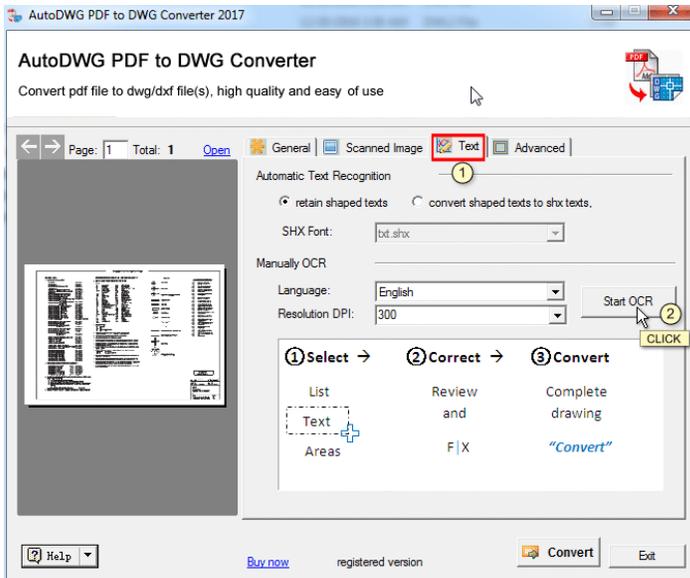
**AutoDWG OCR** can recognize the un-selecting text in PDF, and save them as editable text in converted DWG, instead of shaped texts with poly lines.



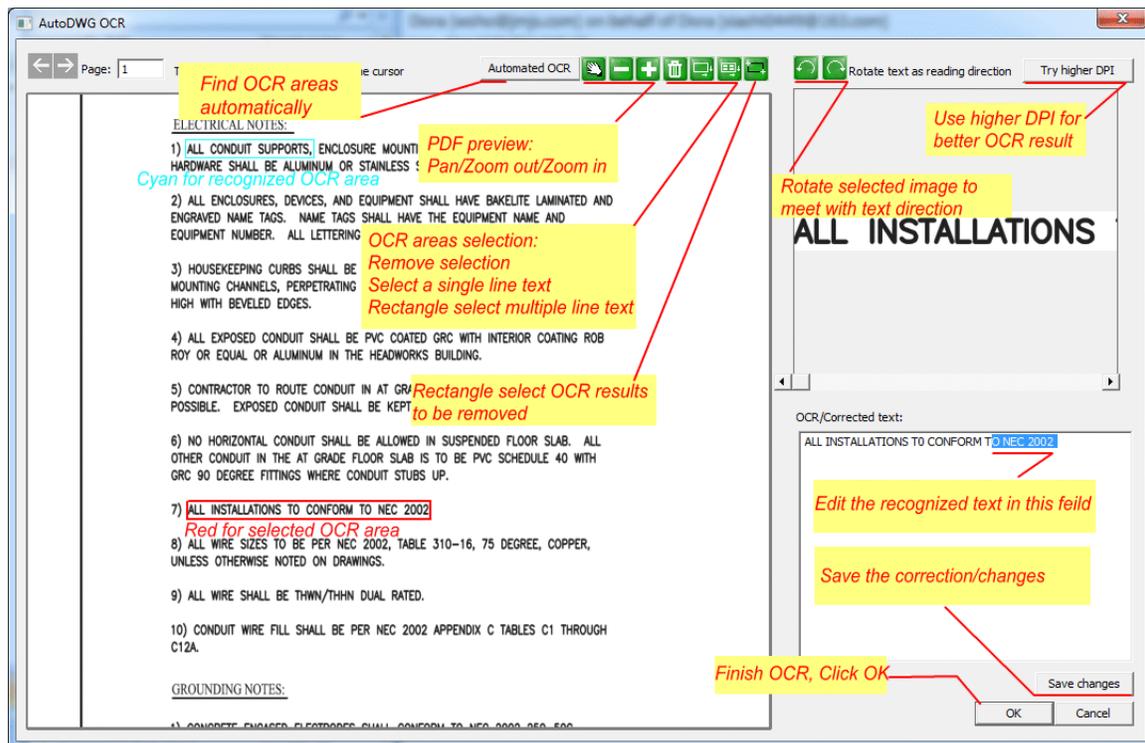
### How to do this:

Please launch AutoDWG PDF to DWG converter, download it if you are yet to install this program:

<http://www.autodwg.com/download/PDF2DWG-SA2017.exe>



Please run this program, browse and select your PDF to be converted, click and switch to “text” tab, then click “start OCR” you will see the following screen:

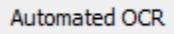


In the left pane, it shows the PDF to be converted, the areas with text are marked with cyan border line, you can add and remove such areas manually or automatically, with buttons look like rectangle select tools.

In the right pane, it shows the cropped image of a text line, and the OCR resulted text in a window under it, which allows you to preview and correct the resulted texts.

When you finish the OCR areas selection and OCR result checking, please click “OK” to go back converter screen and complete it.

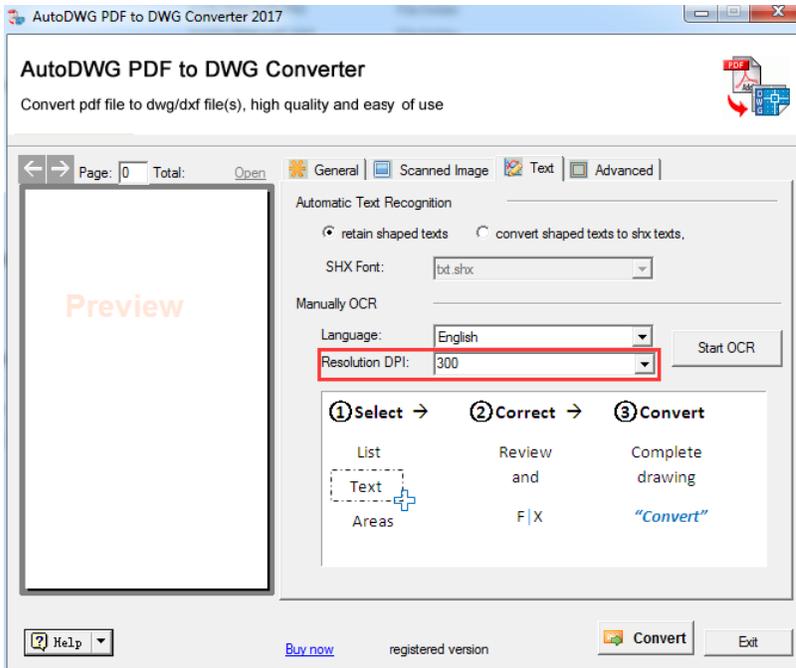
### Button functionality details:

1. Use  **Automated OCR** button to recognize the OCR areas automatically.  
If you would like to recognize all the texts within the drawing, this button can help you to find all possible texts in this page, and mark them with cyan border.
2. Use  **Rectangle select** button to select multiple lines of text areas. It can accurately recognize every text line and mark them with cyan border, this is the most efficient way to define areas to be OCR
3. Use  **Single text line select** button to select a single line of text, this is less error of text recognition, it is useful to perform OCR on individual text line in your drawing, typical title of drawing. However it may take a lot of time if there many lines of texts in your drawing. In this case, earlier mentioned rectangle select button is recommended.
4. Use  **Rectangle select OCR result** button to select all OCR results marked with Cyan border lines, all selected results will then marked in Red border lines, which are ready to be deleted when you hit the  **Delete** button. An easier way for bulk deletes tasks.

### Tips:

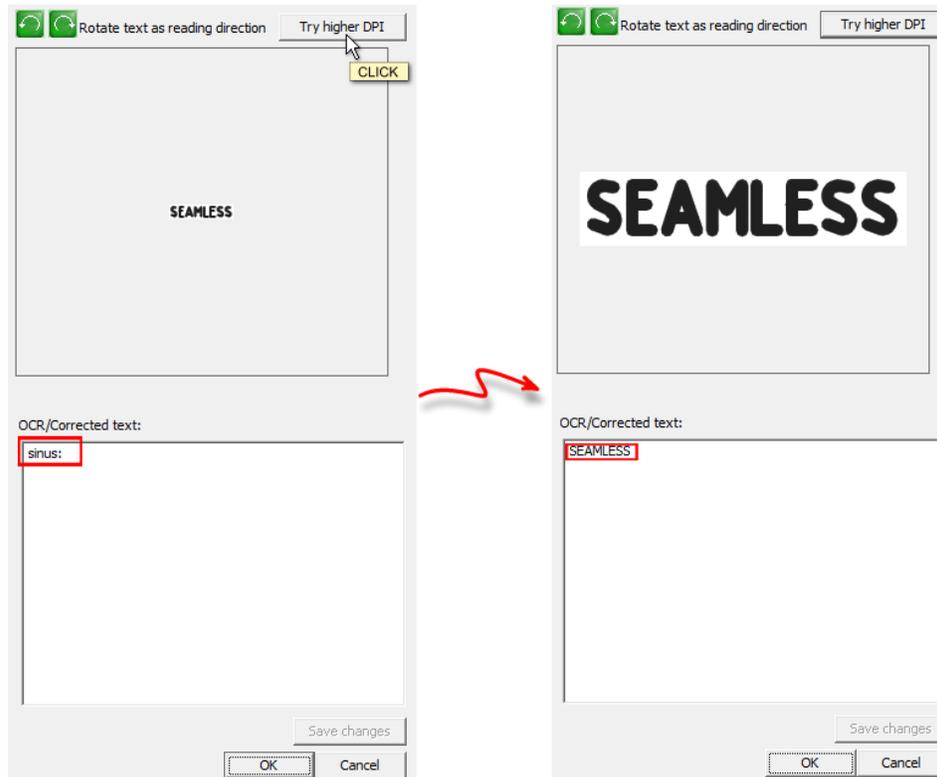
#### 1. Increase DPI for more accurate OCR results - for whole PDF file

AutoDWG OCR theory is to convert PDF into bitmap image, and then process the image with advanced OCR, Optical Character Recognition technology, a higher image resolution is helpful for OCR accuracy, however it takes longer as this also increases calculation tasks. See following screenshot on how to set/change OCR resolution DPI



## 2. Increase DPI for more accurate OCR result - for a specific text line

In the right pane of AutoDWG OCR screen, it shows the cropped image of text line and OCR resulted text, if you find the result is not satisfied, please click **Try higher DPI** *Try higher DPI* button for a better result, this improve can be finished in less than 1 second.



### 3. Rotate cropped image as reading direction

If you find the text line image is flipped vertical, please use   **Rotate** button to rotate it as reading direction. See illustration screenshot as follows:

