Deed Reader Pro Release Notes

Version 6.0.7 (Oct. 5, 2026)

- Improved GLO Map to show unsurveyed land and mineral surveys
- Improved the View Web Map to open to glorecords.blm.gov by default, coordinates are copied to the clipboard automatically, paste the coordinates into the address or place search bar to zoom to the area of the GLO Map
- Added a GLO Records button in the GLO Map Tool. This opens a GLO records search for surveys in the selected township and range.
- Added the ability to import custom coordinate systems for the GLO Map Tool.
- Fixed not being able to enter townships and ranges greater than 99

Version 6.0.6 (Sept. 30, 2026)

- Fixed some bugs with GLO Map and determining PLSS section references

Version 6.0.5 (Sept. 23, 2026)

- Fixed the Filename parameter causing the Deed Info to be blank.
- Increased the AI processing resolution for PDF's larger than letter and legal size to fix issues with transcriptions errors in these documents.
- Updated the License Agreement to add a disclaimer about GIS data usage.

Version 6.0.4 (Sept. 20, 2026)

This is a critical update to fix some new Version 6 bugs for descriptions in PLSS states. Please update immediately if you work in a PLSS state.

- Fixed tracts not being inserted at the picked point in CAD when they are georeferenced.
- Fixed PLSS references no longer override a stated bearing and distance

Version 6.0.3 (September 16, 2026)

- Upgraded AI model to Gemini 3.8 Flash. AI processing time is reduced by approximately 60% with this model.

- Added support for PLSS descriptions. Metes and bounds descriptions missing bearing and distance information but references to PLSS corners or along PLSS lines are processed using BLM GIS data to determine the missing bearings or distances. The plot is automatically georeferenced in the local state plane coordinate system.
- Added a **GLO Map** tool that uses BLM GIS data to plot sections and subdivided sections with state plane coordinates. Aliquot part descriptions are automatically extracted and processed.
- Added a **Project** mode, in project mode all processed deeds and merged plots are saved in a single project file that can be open and restored. Multiple deeds can be added into the Project and then processed all at the same time.
- Added a **Blunder Detection** function that attempts to find and correct errors in the description when it does not close. It iterates through each call and shows a table with possible edits to the direction, bearing degrees, bearing minutes and distance. It then displays the closure error, area and difference between the called and calculated area if that change is accepted.
- Added a **Curve Check** tool that compares extracted curve data from the deed against the calculated curve geometry, and flags any value that differs beyond an adjustable tolerance. The Curve Check button is green when every value agrees and red when a value needs review.
- Files can now be processed by dragging them into the main window.
- **Viewing Monument and Line Information in Plots:** Clicking a point shows the monument description, clicking a line shows its bearing and distance followed by the adjoiner.
- Added **Background Maps** to the Merged Plot. Aerial and topographic imagery from USGS The National Map can be displayed beneath the tracts after the plot is georeferenced.
- Added the ability to **Georeference the Merged Plot**. A reference point can be set by address, by latitude and longitude, or by state plane northing and easting, and the state plane zone is detected automatically. Once the plot is georeferenced its coordinates are state plane coordinates.
- Added the option to add real georeferenced PLSS sections from BLM data to the Merged Plot.
- Added **Plot in CAD and Save DXF options to the Merged Plot** toolbar to plot every tract at once.
- Saving a Deed File now saves the data for all descriptions (tracts) in the document.
- Add a **Reorder** operation in the context menu of the Call Table to change the order of calls in the Call Table

- Added **Restore Defaults, Export Settings** and **Import Settings** buttons to the General and User Interface section of the Configuration Options. Restore Defaults returns every setting to its original value, and Export Settings saves your settings to a file that can be moved to another computer or kept as a backup and loaded with Import Settings.
- Added a **Batch Export** option to export multiple file types.
- Added settings to control the color and size of the circles drawn at point nodes.
- Deed Reader Pro files can be opened directly from Windows. Double click a deed file (.drp), a merged plot file (.drpm) or a project file (.drpp) in File Explorer and it is opened in Deed Reader Pro.
- Fixed a bug that sometimes caused lines not to be created in DXF files.

Version 5.20 (June 8, 2026)

- Added a **Transcribe & Compare** tool. It will load two deeds side by side to extract and transcribe the full legal descriptions and then highlight any differences between the two transcriptions. This tool can find transcription errors in newer transfers and extract the text of legal descriptions in its original formatting.
- Added the ability to process and generate a plot from a CSV file in PNEZD format
- Improved the KML tool to allow manual entry of latitude and longitude, plot lines and support centerline descriptions
- Added additional curve calculation methods and fields in the Call Table to support curves tangential to the next call and calculate curves when a radial bearing to the PT point is provided.
- Add support for multiple metes and bounds description in Word documents
- Added the ability to detect and automatically load POC or POB coordinates
- Added Easement and CC&Rs (Covenants, Conditions, and Restrictions) fields in the Deed Info. A description of each Easements and CC&R is automatically extracted and loaded into the Deed Info table.
- Added Abbreviate Monuments & Adjoiners option to replace customizable keywords for monuments and adjoiners with abbreviations.
- Added the ability to create and save PDFs of plots with larger Arch C and Arch D paper sizes.
- Added the ability to click on a line in the Plot to have it highlight the text of the call and highlight it in the Call Table.

- Added the ability to customize the fields that are displayed for curve labels with a **Curve Info Format** option in the Configuration Options.
- Add a new zoom mode for the plots and added the ability to change the Text Scale in plots.
- Added the ability to open and move the call table in plots to a new window.
- Added support for 2 pole chains (option in Units section of the Configuration Options).
- Added the ability to process a description by pasting text into the Description Text window.
- Improved the "Data in the Call Table is missing" warning to show which calls are missing information.
- Added a **Plot Description Text** CAD option to plot the text of the metes and bounds description in CAD
- Added the ability to use **Paper Space Text Heights** and **Annotative** text sizes in the CAD settings.
- Added an **Add Circles at Point Nodes** options in the CAD settings.
- Added a **Make POB Label Green and Draw Circle Around It** in the CAD settings.
- Improved generation of Highlighted Images, they now generate faster and horizontal clipping of the image is applied.
- Improved the plotting speed in IntelliCAD
- Improved support for older IntelliCAD 8 and 9 versions
- Improved the ability to determine a curve's right or left direction from concave directions and added a warning when the curve direction can not be determined.
- Bug fixes

Version 5.19 (April 10, 2026)

- Fixed some fields in the Deed Info not working.
- Fixed Merge Plot print function causing a crash.
- Fixed a bug causing a crash when updating the tract title in plots.
- Fixed area calculation being slightly off for curves very large radius and very small delta angles
- Fixed calculating curve radius from chord and arc distances not working
- Miscellaneous minor bug fixes and improvements
- Updated the License Agreement

Version 5.18 (January 27, 2026)

- Improved support for long CAD layers names
- The area precision is now shown to 4 decimal places when the area is less than 1 acre and always shown to 4 decimal places in closure reports.
- Added the ability to use a hyphen in CAD layer names for appending the suffix to Deed Text layer name.
- Fixed a bug with plotting to CAD not working when the Bearing and Distance layer name does not begin with an underscore or space.
- Fixed a bugging with plotting into IntelliCAD not completing when creating groups with many calls.
- Updated the License Agreement
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Version 5.17 (January 9, 2026)

- Added context menu to decrease the size of the Tract Legend in the Merged Plot, right click on an empty area of the plot and select the Tract Legend Size option.
- Added an option to add Text and Text with a Leader to the Merged Plot. The leader can be moved by dragging the arrow head and the text can be moved by dragging the text. Right click on the text to change font size and color.
- Improved the rotation operations in the Merged Plot to show a rotation graphic at rotation points.
- Added the ability to set and change the display order of tracts in the Merged Plot. This can be done with Order option in the Context Menu.
- Implemented a fix to resolve SSL certificate errors when behind corporate firewalls with SSL inspection enabled.
- Fixed pressing “Enter” when plotting to AutoCAD to plot to coordinates in main window.
- Added an option to enter the license key during installation of DRP
- Fixed the CAD layer names for the Monuments and Bearing and Distance Labels not being saved after restarting DRP.
- Improved loading Orthoimages and fixed loading orthoimages into IntelliCAD sometimes not working
- Rods and perches are now displayed in the Call Table and in the plots instead of being displayed as poles.

Version 5.16 (November 11, 2025)

- Fixed a bug with the curve right or left direction not being able to be determined sometimes when provided a chord bearing and concave direction.

Version 5.15 (November 11, 2025)

- Lines in the Plot are now highlighted when you click on a line in the Call Table, press Esc to remove the highlighting.
- Increased the Closure Error to be displayed to 3 decimal places.
- Monument descriptions to “a point” or “point” are no longer plotted.
- Improved connecting to AutoCAD and IntelliCAD when there are multiple versions of AutoCAD or IntelliCAD installed. Now the Version should not have to be set but AutoCAD or IntelliCAD must be running with a drawing open.
- Improved the borders in plot windows, now the border lines will clip the plot.
- Improved the options for adding sections to the Merged Plot. Now multiple sections can be added as a grid together.
- Change the Call Table label for Radial Bearing to be “To Center” when the radial bearings are set to be from the PC to the radius point in the Configuration options.
- Radial Bearings are changed to automatically be defined from the PC to Radius point when “to the center” or “to the radius point” is found.
- A prompt is shown to change the radial bearing format when curves are calculated with radial bearings and the deed does not close.
- Fixed issue an issue with lines of RTL type not being plotted correctly in CAD and fixed the position of the monument labels for them.
- Fixed the Merge Plot reminder not working when loading a deed from the clipboard.
- Fixed the Filename field not working in the Deed Info.
- Fixed saving the plots to a pdf or image so that the view and zoom does not change the current view.

Version 5.14 (October 22, 2025)

- This version improves the plot formatting in CAD and new features for the Merged Plot.
- Added more options in the Configuration menu for layer and color controls for the text labels in CAD.
- Added options to control if Tie Lines are plotted in CAD and in the plot window.

- Added an option plot bearing and distance labels with their called precision and units (enabled by default).
- Added formatting options for bearing and distance labels to include spaces in the bearings, add paratheses around the label (CAD option), and add a suffix to label (CAD option).
- Added an option to include the passing distances with the descriptions of passing monuments (enabled by default).
- Added a “Enable Line and Curve Tables” option to enable or disable the line and curve tables in CAD. If disable bearing and distance labels will still be plotted along lines even when they do not fit.
- Added an option to plot monuments with leaders that point to the monument point (enabled by default).
- Add an option to save the Call Table to an Excel spreadsheet (click Call Table button).
- Added the ability to process line tables.
- Added an option to define Radial Bearings to be “Radius Point to PC” or “PC to Radius Point”. The default was changed to be “Radius Point to PC”.
- Added a “Survey Info” field option for the Deed Info. The field will display the name of the surveyor, company of the surveyor and the date of the survey when this data is available.
- Added the Perimeter on the main window and as a field in the Deed Info.
- Added the option to create a Tract Legend in the Merged Plot, right click on an open area of the plot to turn this on and off from the context menu or press the Legend button in the toolbar. Click on a tract in the legend to highlight it, double click to edit the title.
- Added a Configuration menu for the Merged Plot window, click to Configuration button in the toolbar.
- Added “Undo Move” and “Undo Rotation” options in the Merged Plot context menu.
- Added the ability to open a saved Merged Plot with the Select Deed to Process button.
- Added the option to create an offset exception in the Merged Plot.
- The Rotate function in the Merged Plot will also now snap to tract to a node of the tract it is being rotated if the nodes are close to each other after rotation. An alert message will display the rotation angle along with an undo option.
- Added an option to draw Polylines in the Merged Plot
- Added a Traverse entry tool for the Area and Polyline tools. Press B or D while drawing an Area or Polyline to open the Traverse entry tool.

- Added the option to add a line from the Plot to the Merged Plot.
- Added options show a border and north arrow in the Merged Plot.
- Added the ability to show a bar scale in the Plot and Merged Plot.
- Add an option to ask the user if they want to add the plot to the Merged Plot when a new deed is opened if the plot hasn't been added yet.
- Added an option to always use the same insertion point when adding a plot to the Merged Plot.
- Added the ability for the + and – keys to zoom in and out in the plots.
- When saving a file, the file directory will default to be the same directory that was last used to open a file with "Select Deed to Process".
- Improved "Adjust This Call to Force Closure" so that it will always work with curves and calculate the curve chord bearing and distance when used with curves
- Changed the plot behavior so that after pressing Plot the plot is always raised and set as the active window.
- Improved the ability to understand and parse commencement calls between the POC and POB.
- Removed the processing mode selection option from the main window.
- Fixed the plot so that now only a single line can be plotted.
- Fixed issue with the TL between the POC and POB being plotted twice in CAD.
- Fixed curves with delta angles greater than 180 degrees not plotting correctly in the Meged Plot Window.
- AI processing is now performed in a background thread to allow the main window to be minimized while data is being processed with AI.
- Processing for View Highlighted Image is now performed in a background thread to allow continued interaction with Deed Reader Pro while the highlighted image is being processed.
- Added an option to Automatically Generate Highlighted Image so that the highlighted images will automatically be generated. This option is enabled by default.
- Updated the AI to use the latest Google Gemini model and added the ability to remotely update the AI model being used.
- Update the license agreement.

Version 5.13 (July 29, 2025)

- Improved the naming of groups in CAD to prevent the possibility of duplicate names.
- Fixed issue with deeds with only 2 calls not plotting.

- Fixed “View Full Transcription” not working with clipboard images.

Version 5.12 (July 27, 2025)

- Added the ability to open and process Word files while the document is already open in Word.

Version 5.11 (July 17, 2025)

- Fixed POB coordinates not being used to plot into IntelliCAD after enter is pressed.
- The plot no longer updates when updates to the Call Table are paused and a row is added or removed to allow for faster data entry.

Version 5.10 (July 15, 2025)

- Tie lines are now drawn in the Merged Plot. Tracts are now inserted into the Merged Plot so that the POC points coincide.
- Added the ability to draw a centerline easement in Merged Plot. Click the Centerline Easement button in the plot window. It will then prompt you to enter the offset width.
- Added the ability to draw a standard section (5280’ x 5280’) in the Merged Plot. The standard section is shown with quarter section lines. Quarter-quarter, quarter-quarter-quarter, and quarter-quarter-quarter-quarter lines can be shown with context menu options (right click on section). An option to Edit Dimensions of the section also exists and custom bearing and distances for the sides of the section can be entered.
- Added the ability to save a Merged Plot so that it can be opened again.
- Added a context menu (right click) for Plotted Deed window. There are zoom and pan options and options set what is visible and text sizes.
- Added more options to Merged Plot context menu (right click).
- Added a “Notes” field to the Deed Info.
- Added a setting to allow further control of groups in CAD. Groups can now be created for only the linework, this setting is enabled by default now.
- Added support for processing documents in TIF format.
- Fixed bug that caused a crash when tab is pressed while editing the Line Layer or Text Layer.
- Removed the OCR settings from the Configuration menu.

- Fixed a bug with the full Dir not being output to the Dir column with due N, S, E, or W bearings.
- Improved AI parsing.

Version 5.9 (June 16, 2025)

- Add a “GIS Link” field to the Deed Info, the field can be manually populated with the GIS Link.
- Added an option to create DXF files in 2000 format instead of 2010 format.
- Fixed the issue causing saving the Deed Info to an Excel file not to work.
- Fixed the issue causing the CAD version specification not to work.
- Improved the format of the notification message for updates.

Version 5.8 (June 12, 2025)

- Added a Deed Info window that can display the grantee, grantor, document record, prior document record, transfer date, tract title, PLSS reference, and called tract area. This information is extracted from the document when it is transcribed with AI. Right click on this window to customize the format. The Deed Info can be plotted in CAD above the closure and calculated area. This information can be saved to a Deed Information report in Word or Excel format.
- Added the ability to merge multiple tracts into a single plot within DRP. See the Merged Plot section of the manual for details.
- Removed "AI Cursive" mode, handwritten cursive deeds can now be processed in "AI Transcribe and Parse" mode without the need to switch to a different AI model.
- Added the ability to transcribe and view the full transcription of a handwritten cursive deed with the View Full Transcription button.
- Improved the ability to determine curve right or left directions from concave directions and added the ability to select a concave direction in the Call Table.
- Improved the logic for editing curve data in the Call Table. All edited values will now be held regardless of rather they were previously an input or calculated value.
- Added an option in the Configuration menu to have CAD layer names and Title default to the deed filename.
- Added the ability to choose to use either the POC or POB for the insertion point in CAD.
- Saved files and exports now default to the name of the deed filename.

- Fixed bug that could cause the IntelliCAD window to resize when plotting into IntelliCAD.
- Improved handling of errors when plotting to AutoCAD, the drawing will now attempt to finish plotting if an error occurs.
- Added an option to specify which version of AutoCAD or IntelliCAD to use when multiple versions are installed.
- Added a splash screen.
- Added an option to manage your account billing in the Info menu.
- When exporting a coordinate file, a point is now created at the POB.
- Updated the manual.
- Fixed other minor bugs.

Version 5.7 (April 28, 2025)

- Upgraded the default AI model for transcribing and parsing deeds from Gemini 2.0 Flash to Gemini 2.5 Flash. The new model is approximately 20% and supports much longer outputs.
- Added support for units in feet and inches as is common in NYC. NYC can now be processed in AI mode.
- Added support for input of azimuth and south azimuth angles in the Call Table.
- Improved support for deflection angles and interior angles. The ‘Dir’ field in the call table now supports 'R' (angle right) 'L' (angle left), 'I' (interior angle with right or left direction as set in the Configuration menu), 'I(L)' (interior angle turning left), 'I(R)' (interior angle turning right), 'DR' (deflection angle to the right), 'DL' (deflection angle to the left), 'AZ' (azimuth), 'S AZ' (south azimuth).
- Added an option in the Configuration menu to format all text in all caps.
- Added an option in the Configuration menu to show leading zeros in bearings, for example: N7°5'3"W will be displayed as N07°05'03"W when enabled.
- Change to the POB input to be in Northing and Easting rather than X and Y.

Version 5.5 (April 14, 2025)

- Northing and easting offset measurements between sections corners and the point of beginning are now parsed as calls so that tracts can be located relative to the section corner.
- Added a pause button to pause automatic recalculation of the Call Table after values are changed, this is useful if the Plot window is open to allow quicker modification of the Call Table. It can also be useful when entering curve data.
- Add the option to specify between International Feet and US Survey Feet, this setting will apply the selected units in DXF files that are created.
- Added options to display the precision in plots and CAD.
- Added an option to include “Set” and “Found” in monument descriptions.
- Fixed Point File generation so that points are created in P, E, N, Z, D format rather than P, N, E, Z, D format.

Version 5.4 (April 4, 2025)

- Improved support for plotting to Civil 3D.
- Updated the DRP icon.

Version 5.3 (April 4, 2025)

- Improved AI transcriptions of deeds with poor scan quality.
- Added the ability to modify Deed Text and then use “Process Deed Text” in AI mode to process the text again.
- Bug fixes.

Version 5.2 (April 2, 2025)

- Fixed a bug with radial bearings and tangential bearings not being able to be parsed by AI.

Version 5.1 (April 1, 2025)

- Added some support for calculating the curve direction (Right or Left) when only a concave direction is provided (direction from the curve midpoint to the curve radius point). Concave directions are parsed only in AI mode and the curve direction can be determined when the chord bearing is provided. The concave direction is now shown in parentheses beside the curve direction, example: “Right (NW)”
- Improved the appearance of the header in the Call Table
- Fixed a bug with fractional distances not being parsed correcting in AI mode.

Version 5.0 (March 26, 2025)

- Added the ability to use AI to transcribe and parse deeds (see updated manual and Quick Start Guide), AI does significantly better than OCR and provides very accurate text recognition of documents including those with watermarks and handwritten in cursive.
- Added the ability to directly load an image or text from the clipboard for processing, use the clipboard button beside “Select Deed to Process” to use this.
- Added a “POB” label for the POB point in plots and CAD.
- Added an option to enter the delay between commands sent to AutoCAD to throttle plotting and help prevent errors when plotting to AutoCAD.
- Updated the manual and created Quick Start Guides, these can be accessed from the Info Menu.

Version 4.12 (February 24, 2025)

- Commands sent to AutoCAD are now throttled to help prevent errors when plotting to AutoCAD.
- Added support for the keyword "meanders" as an option to recognize a list of calls.

Version 4.11 (January 30, 2025)

- Added the ability for the Dir column to accept quadrant entry (1 = NE, 2 = SE, 3 = SW, 4 = NW).
- Added the ability for the Dir, Curve Radial Bearing and Curve Bearing In columns to accept a bearing in quadrant bearing format (Qdd.mmss).

- Units of feet or meters are now specified in DXF files that are exported to prevent DXF files from loading with the wrong units.

Version 4.10 (December 26, 2024)

- Improved recognition and parsing of courses in a list of calls.
- Improved parsing of curve data.

Version 4.9 (December 12, 2024)

- Added support for exporting data to ArcGIS Pro, an option to generate an ESRI Traverse File was added that can be used to import a parcel into ArcGIS Pro. GIS users need to change the Mode to GIS in the Configuration menu to reveal this feature.

Version 4.8 (December 10, 2024)

- Added the ability to plot the bearing and distance labels of lines and curves in CAD, labels are located on the interior side of the parcel and labels that do not fit are placed in line and curve tables, new settings were added in the configuration menu to enable this and to control text sizes.
- Added the ability to generate closure reports.
- Added the ability to enter a title for a deed, if a title is entered it will be plotted above the area and closure.
- Added support bearing in the format of 'NW 15 deg', these will automatically be changed to 'N 15 deg W' so that they can be understood.
- Fixed bug that prevented arc lengths from being read from the deed text.
- Fixed bug that caused activation key to be lost when updating Deed Reader Pro.
- Fixed bug that caused plot settings not to be applied.

Version 4.7 (November 13, 2024)

- Fixed bug that caused curve bearings to be parsed incorrectly when a cardinal direction is provided in curve call.

Version 4.6 (November 12, 2024)

- Added support for area calculations with curves with delta angles greater than 180 degrees.

Version 4.5 (November 11, 2024)

- Added the option to use the Point of Beginning coordinate displayed in the main interface when plotting to CAD, press Enter instead of picking a point to use the POB coordinate.
- Fixed bug with saving DXF file.

Version 4.4 (November 11, 2024)

- Added support for recognition of radial and tangential bearing when they are provided in the previous call.
- Curves are now assumed to be tangential if the chord bearing, radial bearing and bearing in are not provided and it is not stated that the curve is non-tangential.
- Page Separation Mode has been set to 'Single Column' mode by default and 'Correct Skewed Text' is enabled by default every time Deed Reader Pro loads. This will result in slightly longer processing time but will improve text recognition especially when calls are in a list.

  Page Separation Mode is a setting for the OCR (Optical Character Recognition) engine. The Automatic setting will recognize blocks of text in the document but there may be issues with calls in a list in this mode. The Single Column setting will assume the text is in a single column and work best for calls in a list. The Single Column setting will not do as well when the text is skewed and Correct Skewed Text should be used with it.

- Fixed issue with the Radial Bearing and Bearing In not accepting edits in the Call Table.
- Fixed the issue with the plot not being generated if data is missing in the Call Table.

Version 4.3 (November 6, 2024)

- Fixed bug with vara not being recognized properly.

Version 4.2 (November 4, 2024)

- Added additional methods to calculate curves and added support for calculating non-tangential curves when the chord bearing and distance is not provided. Curves are now calculated the following ways in this priority with the curve direction being required for all methods:

  1) Chord Bearing, Chord Distance and Radius
  2) Radius, Delta Angle and Radial Bearing
  3) Radius, Delta Angle and Tangential Bearing In
  4) Radius, Curve Length and Radial Bearing
  5) Radius, Curve Length and Tangential Bearing In
  6) Radius, Delta Angle and Tangential
  7) Radius, Curve Length and Tangential
  8) Chord Bearing, Radius, Curve Length
  9) Chord Bearing, Radius, Delta Angle
  10) Chord Bearing, Chord Distance and Curve Length

  Curves with delta angles greater than 180 degrees can be calculated by entering a delta angle greater than 180 degrees.

  The Tangential column will display Yes if end of the curve is within 0.02' of the correct coordinates for a tangential curve. You can manually enter Yes to calculate tangential curves.

  Calculated values are displayed in a light italic font while inputs used for curve calculations are shown in a bold font.

  Deleting the data in Curve Radius, Curve Delta Angle, Curve Length, Radial Bearing or Bearing In columns will clear the data in all of these fields so that new values can be entered to calculate the curve. To clear the chord bearing and distance fields you can select all these cells together and press Delete. There is also an option to clear all the “Clear Bearing, Distance and Curve Data” for the current row when you right click on a row in the Call Table. This is useful if you need to reset the curve data.

  In the Call Table, the delta angle can be entered in the format of "83 37 14", bearings for the radial bearing and tangential bearing in can be entered in the format of "s86 48 37e".

- Added columns in the Call Table display the Curve Radial Bearing (bearing from the PC to center point), if the curve is Tangential (Yes or No), the Tangent Bearing In and the Tangent Bearing Out. The Tangential column will display Yes if end of the curve is within 0.02' of the correct coordinates for a tangential curve.
- Curve data that is calculated is displayed in a lighter italic font, fields used to calculated the curve are displayed in a bold font in the Call Table. This is so that you can see how the curve is being calculated.
- Improved recognition of curve data when a curve is in a list of calls
- Added a warning that data is missing from the call table when a bearing has seconds, but the minutes field is empty.
- Added support for fractional distances for example "10 1/2 poles" is now supported.
- Deed Reader Pro will not check for software updates when it is opened and display an alert if an update is available, email announcement of software will be discontinued.
- The main GUI window will now retain focus when the plot is open and it updates.
- Improved rotation of skewed text, enable Correct Skewed Text in Configuration Options when the document is skewed. This will improve the OCR transcription of the text.
- Adding an option to change the OCR Page Separation Mode in the Configuration Options. Page Separation Mode is a setting for the OCR (Optical Character Recognition) engine. The Automat setting will recognize blocks of text in the document in varying orientations and sizes. The Single Column setting will assume the text is in a single column. The Single Column setting will not do as well when there is vertical text in the margins.
- Added "over and across" as keywords for adjoiners.
- Added support for recognition of abbreviations for vara: 'vrs' and 'v'.
- Added support for recognition of passing distances and monuments when the word 'pass' is used after a distance.
- Added support for recognition of 'total distance' after passing distances.
- Added an option to show the area in square feet in plots.
- Added the ability to mask the activation key for corporate accounts.
- Updated the manual.
- Bug fixes.

Version 4.1 (September 28, 2024)

- Fixed issue with the command window flashing open when PDFs are processed.
- Added Select and Print buttons to the plot toolbar.
- Updated the manual.
- Bug fixes.

Version 4.0 (September 23, 2024)

- Improved plots inside Deed Reader Pro with labels added for: bearings, distances, adjoiners, area and closure.
- Added a configuration button in the plot toolbar menu, it can be used to configure what is displayed and text sizes.
- The labels, north arrow and call table in the plots can be moved by dragging them with the mouse, note that positions will be reset if the plot window is resized or changes are made in the plot configuration menu.
- Improved recognition of calls and corrections of OCR errors.

Version 3.10 (September 9, 2024)

- Added support for progeCAD (runs on IntelliCAD), select the option for progeCAD in the Configuration menu.

Version 3.9 (August 25, 2024)

- Added support for units of miles and sections, 1 mile = 1 section = 5280 feet, these can be entered into the call table, mile can be abbreviated with "mi" and section can be abbreviated with "s".
- Throttled the plotting of curves in AutoCAD to prevent issues with the plot not being fully generated in AutoCAD when it contains many curves.

Version 3.8 (August 19, 2024)

- Improved the look and feel of the interface, the buttons now have rounded corners and change colors when hoovered and pressed.
- Improved the detection of the start of the deed, "Commence" was added as a keyword that detects the start of a deed.
- All windows are now forced to close when the main window is closed.

Version 3.7 (August 13, 2024)

- Added support for units perches, perches and rods are listed as poles in the call table.
- Improved handling of fractional degrees found in old deeds, fractional degrees are converted in the Deed Text to their decimal equivalent or degree and minute equivalent for 1/3° and 2/3°.
- Improved handling of cardinal directions.
- When a scale factor is applied, both the scaled and unscaled areas are now displayed.
- When editing a text entry box pressing enter will now accept the entered text and move the cursor focus out of the text entry box, tab will move the cursor focus to the next text box.
- Bug fixes.

Version 3.6 (August 4, 2024)

- Added a color control for the lines and text in CAD.
- Added a Configuration Option setting for CAD to "Locate Description Labels Inside the Parcel", this will locate the text for monument descriptions inside the boundary polyline of the parcel when checked.
- Added a Configuration Option setting for CAD to "Align Adjoiner Lables with Lines", this will rotate the text of the adjoiner labels to be aligned with the lines with when checked.
- Added a Configuration Option setting for CAD to "Create Groups For Lines and Text", this will created in a Group in CAD. When one item in a group is selected, all the items in that group will be selected. This makes it simple to move and rotate all the lines and text of a deed together.
- Added an option in input a scale factor for CAD, this can but used to input a ground-to-grid scale factor if you want to plot the deed in a grid coordinate system.
- Added the ability to delete the contents of multiple cells in the Call Table by selecting multiple cells and pressing the Delete key.
- Added the ability to paste the contents of the clipboard to multiple cells in the Call Table by selecting multiple cells and pressing Ctrl+V.
- Improved recognition of curve data when curves are in a list of courses.
- The Configuration and Info windows are now brought to the front of the screen when the Config and Info icons are clicked when these windows are already open.

- Plotting in CAD and saving files is no longer blocked when data in the Call Table is missing.
- Fixed not being able to save deed text in Word format.
- Fixed other miscellaneous bugs.
- Example deeds are now copied to the My Documents in "Deed Reader Pro Example Deeds" folder as well being contained in C:\Program Files\Deed Reader Pro\Example Deeds.
- Updated the manual.
- Deeds can now be processed but not plotted after the demo license expires.

Version 3.5 (July 14, 2024)

- Improved the manual.
- Changed compiler to prevent Deed Reader Pro from falsely being flagged by some virus detection software.

Version 3.4 (July 10, 2024)

- Updated the manual.
- Improved error handling when requesting a demo key.

Version 3.3 (June 16, 2024)

- Added the ability for silent installs with /silent and /verysilent switches.
- Improved error handling for IntelliCAD.
- Improved error handling for requesting demo keys.

Version 3.2 (May 21, 2024)

- Clicking and moving the cursor in the Deed Text will now highlight the corresponding row in the Call Table.
- The Call Table will now scroll with Deed Text when the cursor is moved through the Deed Text.
- Added the closure bearing error to the Closure Error when the closure error is not 0.

- Added "Adjust this Call to Force Closure" as an option in the context menu for the Call Table. This will calculate the bearing and distance for the selected call so that the deed closes.
- Added the ability for curves to be calculated by bearing, distance and curve length. If the Curve Radius field is blank and a value is present in the Curve Length, the curve length will be used to calculate the curve. The radius will be rounded to nearest foot or meter when possible.
- Added the ability for curves to be calculated by curve radius and delta angle. The curve will be calculated to be tangent to the previous call.
- Added the ability to calculate and create curves with delta angles greater than 180 degrees. When a curve is calculated by bearing, distance and radius, if a value in the Curve Delta Angle field is present and equal to or greater than 180, the curve will be calculated with a delta angle greater than 180.
- Added units of Vara, a vara is a Spanish unit of length that has been used in surveys that were once part of Spanish territories, such as Texas, California and New Mexico. Select between Texas vara and California vara standardizations in the Configuration settings, 1 Texas vara = 33 1/3 inches (2.777777777778 feet), 1 California vara = 33 inches (2.75 feet).
- Improved Configuration Menu.
- Blocked layer input fields from being blank.
- Fixed issue of a period being read as a comma instead of period in bearing direction abbreviations .

Version 3.1 (May 2, 2024)

- Fixed bugs that caused crashes when options in the configuration menu are changed and actions from the context menu are selected
- Add tooltips: hover the cursor over buttons and the line types in the Call Table to view help text, this option can be disabled for the main window from the Configuration menu
- Added a confirmation warning message when Process Deed Text is pressed after data in the Call Table has been manually edited

Version 3.0 (April 27, 2024)

- Added the ability to edit the data in the call table. To edit a cell, double click on it. Rows can be added or deleted and the Call Table and Deed Text can be cleared from

the context menu when you right clicking on the table. "Ctrl +" and "Ctrl -" keyboard shortcuts can be used to add and delete rows from the end of the table.

- Added support for curves
- Added support for tie lines and curves, commencement calls are treated as tie calls
- Added support for multiple passing calls (E.g. "passing iron pins found at 20.00' and 100.00')
- Added support for distances with multiple units of chains, poles and links (E.g. "10 chains 3 links")
- Added support for deflection angles and interior angles
- Added support for decimal degrees
- Added support for cardinal directions
- Added support for extracting and plotting adjoining parcel descriptions
- Added support for units of yards
- Added the ability to import orthoimages in GeoTIFF and Mr. Sid format into CAD, images are automatically inserted with the correct scale and origin coordinates.
- Added the ability to save and open 'Deed' files, these files have an extension of .drp
- Added the ability to remove watermarks from images and pdfs. A threshold filter is applied that converts the image to black and white.
- The threshold level can be specified from Low to High. Low will filter out light shades of grey while high will filter out darker shades of grey.
- Cells with call missing data (direction, degrees and distance) are highlighted red
- The plot window can now be opened and kept open when call data is missing
- Improved recognition and parsing of call data
- Reduced start up time for Deed Reader Pro to load
- Fixed known bugs

Version 2.1 (June 20, 2023)

- Fixed bug with "View Highlighted Image" not working when "Isolate Metes and Bounds Descriptions in Deed Text" is not checked.
- Improved error handling and bug fixes for "View Highlighted Image"
- Fixed text scaling when High DPI Display Scaling is set to 125%
- Updated the manual

Version 2.0 (June 19, 2023)

- Added functionality to the call table, clicking on a cell in the Call Table will select the corresponding text in the Deed Text
- Added the option to view an image of the source file (image or pdf) with the calls highlighted
- Added support for bearings with degrees, minutes and seconds only separated by spaces, i.e. 'N 15 12 45 W'
- Added support for bearings with degrees, minutes and seconds separated by colons, i.e. 'N 15:12:45 W'
- Added functionality to underline and bold "beginning" before the start of calls that are processed
- Added functionality to underline and bold "containing" at the end of the description
- Added the option to insert blank lines between each call so that each call starts on a new line (option enabled by default)
- Added the option to save the deed text in Rich Text File Format (.rtf)

- Added functionality to ignore vertically oriented text (as is commonly found in page margins)
- Added support for TIFF files (.tiff and .tif)
- Fixed but with files not being processed if the filename contains an extra period
- Fixed text scaling when High DPI Display Scaling is enabled
- Allowed the main window to be reduced in size (needed for High DPI Display Scaling)
- Reduced the brightness of the icon
- Improved error handling when tesseract is not installed properly and the path of tesseract.exe is wrong in the config.ini file
- Reduced and updated pricing plans

Version 1.2 (April 6, 2023)

- Moved Line and Description Layer input option to the main window
- Added the option to plot the area and closure in CAD
- Added progress status of OCR and deed processing
- Improved post processing of OCR text
- Bug fixes

Version 1.1 (March 29, 2023)

- Added support for bearings in hyphen format e.g "N 12-45-16 E"
- Added support the keyword "calls" before a list of calls

Version 1.0 (March 27, 2023)

- Initial version of Deed Reader Pro