

RebarCAD 2017

Release Notes



Version: 2017

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GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES

 **AUTODESK.** **Microsoft Partner**
Authorised Developer Gold Application Development

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Release Notes

Thank you for upgrading to the latest version of **RebarCAD**.

These release notes summarize the enhancements and corrections that have been made for each release of the product.

Version 2017

1. AutoCAD Support

RebarCAD 2017 supports the following Autodesk platforms:

AutoCAD Vertical	Supported Versions
AutoCAD	2015, 2016 & 2017
AutoCAD Architecture	2015, 2016 & 2017

2. Additional coupler symbols

Two new coupler symbols for form saver coupler and positional coupler are added to the existing coupler symbols list.

3. Defect fixes

A defect specific to AutoCAD 2016, in which a warning message was displayed, on loading RebarCAD after opening the drawing is fixed.

A defect specific to AutoCAD 2016, in which the erase bar set warning message was displayed, on erasing AutoCAD entities is fixed.

Version 2016.2

1. Save as V9.08 Drawing...

The new 'Save as V9.08 Drawing...' allows you to save back the drawings created in RebarCAD 2016.2 and higher versions in V9.08 format.

This command can be accessed in one of the following ways:

- Using the 'Save as V9.08 Drawing...' menu in RebarCAD->Utilities pop-up menu.
- Using the command "CADS_RC_SAVE_AS_V908" from the command prompt.

The drawing will be saved back automatically in the AutoCAD file format compatible with V9.08.

The default filename will be appended with V908, so that you do not accidentally save your active drawing while saving back to an older version.

2. Save as V9.04 Drawing...

Since the RebarCAD V9.04 through V9.07 shares the same RebarCAD data structure, the existing command 'Save as V9.07 Drawing...' is now renamed as 'Save as V9.04 Drawing...' to be more appropriate.

The drawing will be saved back automatically in the AutoCAD file format compatible with V9.04.

The command is also improved to append the default filename with V904, so that you do not accidentally save your active drawing while saving back to an older version.

3. Save as V8.4 Drawing...

The drawing will be saved back automatically in the AutoCAD file format compatible with V8.4.

The command is also improved to append the default filename with V840, so that you do not accidentally save your active drawing while saving back to an older version.

4. Material Type

In all the coupler related dialogs, the caption 'Grade' is changed to 'Material Type' as they refer to the material type of the coupler.

Version 2016.1

1. Project Match Bars

The new 'Project Match Bars' tool allows you to match the bar marks of identical bend type and dimensions across drawing files within a project.

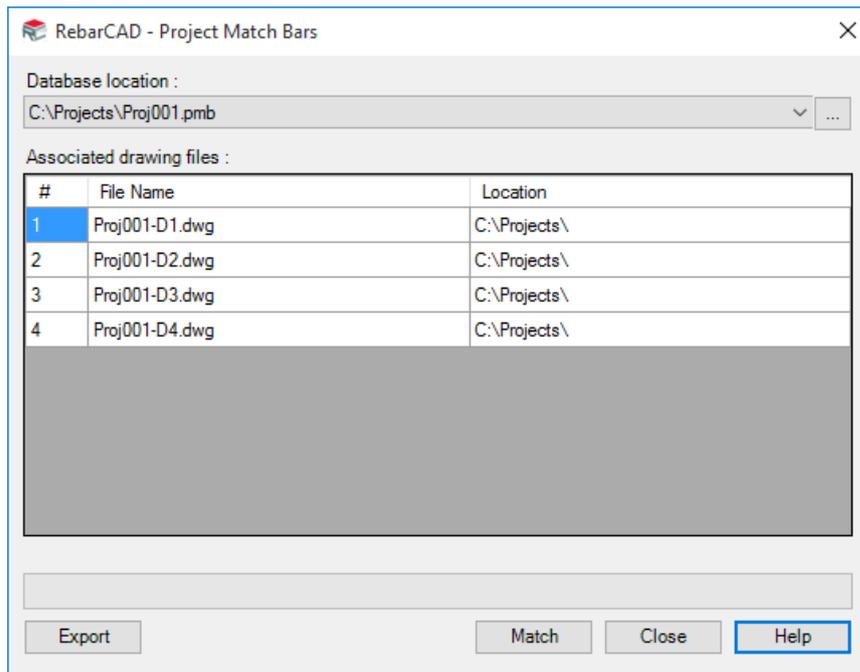
This tool can be accessed in one of the following ways:

- The 'Project Match Bars' menu in RebarCAD->Utilities pop-up menu.
- The 'Project Match Bars' tool in the 'REBARCAD' toolbar.
- The 'Project Match Bars' ribbon item in the 'Project' panel.



- "CADS_RC_PMB" command in the command prompt.

The Project Match Bars dialog will be displayed as shown in the image below:



Please refer to the help document for more details by clicking on the 'Help' button.

2. Object snap settings

The Object Snap settings issue has been fixed, in which the settings were sporadically lost.

3. Bar List improvements

The bar list format settings are now retained after inserting manual page breaks and after moving the bar list lines in the bar list.

It is now possible to insert a line (text line/blank line) above or below the selected bar list line in the bar list.

4. Reports and bar list on drawing improvements

Many improvements have been made in the reports.

A defect has been fixed in which the incorrect total weight of tapered ranges was reported (this happened when it was configured to display only the first and last bar of the tapered bars). This has been fixed in both the printed reports and in the bar list on drawing.

5. Issue and revision configurations

The issue and revision feature is enhanced with new configurations to configure the revision cloud layer, revision callout layer, revision table layer, revision cloud start width and revision cloud end width. You can now configure revision cloud and callout layers for each issue type.

6. Select bars

More filters are added to the 'Select Bars...' feature, which allows you to select the bars based on their grade and size, bar mark prefix and drawing sheet.

7. Highlight bars

More filters are added to the 'Highlight Bars...' feature, which allows you to select the bars based on their grade and size, bar mark prefix and drawing sheet.

8. Bar assignments

The features to assign bars to release, member, drawing sheet, bid item and bid structure are enhanced such that the bar labels are also highlighted in addition to the bar views, for easy identification of selected bar views and labels.

The 'New Set' and 'Range New Set' commands now allow you to pick the current bar assignments such as members, releases, drawing sheets, bid items and bid structures.

You can now apply release color to bar labels either on release assignment or based on the order state of the associated release. Your preference can be configured in the 'Release and Ordering' configuration page.

9. Range improvements

Range texts are now made configurable for alternate ranges. The start mark, end mark and the total number of bars of the alternate ranges can also be configured as the range text for alternate ranges.

A defect has been fixed in which stretching ranges drawn with overstock length bars produced unexpected results.

The Check database command has been enhanced to detect and report any corrupted tapered ranges or ranges whose lengths are less than that of the c/c value.

10. Coupler improvements

The Coupler dialog has been reinstated to display the coupler details of both ends on a single screen.

The coupler feature has been enhanced to support the DAYTON couplers.

When couplers are added to a bar view, any other bar views of the set automatically receive a coupler without the number of couplers changing in the Accessories List.

A defect has been fixed in which the coupler quantity was not considering the member quantity.

11. Production output improvements

The Order Materials feature now allows you to modify the desired production system in the Order Materials dialog itself.

A defect has been fixed that affected ordering when the production output system is Excel Format.

12. User interface improvements

The quick access toolbar in the RebarCAD workspace has been modified such that the 'Toggle Automatic Loading' command is moved to the right end to avoid accidental selection.

13. Defect fixes

A defect has been fixed in which the database was corrupted when adding extra label notes with special characters.

A defect has been fixed in which moving the labels drawn with label sketches moved the label sketches a little away from the label text.

A defect has been fixed in which 'cancelling title block configuration' dialog popped up a warning message when no title blocks were configured.

A defect has been fixed in which the bar references added by selecting the bar label view were also duplicated while duplicating the bar view alone.

Version 2016

1. AutoCAD Support

RebarCAD 2016 supports the following Autodesk platforms:

AutoCAD Vertical	Supported Versions
AutoCAD	2014, 2015 & 2016
AutoCAD Architecture	2014, 2015 & 2016

- Administrative privileges are no longer required when launching the software.
- Shape Sketches will get updated automatically if the master copy is modified.
- An issue related to the changing of the default layer to the bar list layer after auto-save, has been fixed.

Version 2015.1

- RebarCAD 2015.1 can now be installed in parallel with previous versions of RebarCAD.
- Linear tapered ranges now support the “Adjust Ends” option.
- The range text orientation has been corrected to follow the text reading standards while detailing ranges vertically.
- The “Drawing Audit” command has been enhanced to identify couplers that are not assigned to a bid item.
- A defect has been fixed in which the “Bar list on drawing” failed to sort correctly in a specific sequence.
- A new option has been added to specify a tolerance value for bent bar leg dimensions when matching bar marks.
- A new option has been added to specify a scale factor for the bar list on drawing.
- A new option has been added to configure restricted bar sizes and to identify the instances of such bars present in the drawing file through the “Drawing Audit” command.
- The “Override Revision Mark” command has been enhanced to display all the revision marks available in the drawing file.
- Some redundant coupler data has been removed from the Soule production output file.
- A defect has been fixed in which the bar list failed to update when the “Rounding configuration setting” was changed.
- A new option has been added to specify the rotation angle while placing bar references.
- A defect has been fixed in the “Set to View” command, which failed to remove extra notes attached to the label.
- A defect has been fixed in which the bar list on drawing was not marked “INVALID” in a specific sequence.

15. A defect has been fixed in the “Assign Bars to Release” command, which picked bars in “ISOLATED” layers.
16. A defect has been fixed in the metric report templates, which reported the total length values in Imperial units.
17. A defect has been fixed in the Group Layering Option (GLO), which modified the c/c values of ranges in a specific sequence.
18. A bar references defect has been fixed, which scaled improperly while placing as blocks.
19. A defect has been fixed in the “Stretch” command, which incorrectly changed the bar marks in a specific sequence.
20. A defect has been fixed in which the “Ranges” created using the “Split Range” tool lost their rebar information when duplicated.
21. A defect has been fixed in the Pinnacle production output file and in the Harris production output file which exported deleted bar information in a specific sequence.
22. A defect has been fixed in the Over Stock Length (OSL) feature to update the minimum dimensions based on the configured “Dimension Minimums”.
23. A defect has been fixed in the “Add/Edit coupler” command, which failed to retain the coupler information in a specific sequence.
24. A defect has been fixed in which coupler symbols were lost while pasting or mirroring bars with couplers as a “View”.
25. A defect has been fixed in which the Accessories list failed to update when bars with couplers were duplicated as a “Set”.
26. A defect has been fixed in the “Uncombine bars” command, which reported an error in a specific sequence.
27. A defect has been fixed in which Automatic Dimensioned Leaders (ADL) were drawn incorrectly in a specific sequence.
28. A defect has been fixed in the Harris production output file, which reported an error if the filename consisted of special characters as part of the “Job number”.
29. The redundant “View Offcut List” command has been removed.
30. A defect has been fixed that placed the bar list on drawing in an incorrect table format, specific to AutoCAD 2015.
31. A defect has been fixed in which leaders were drawn incorrectly when the leader mode was set to “Center”.
32. A defect has been fixed in the “Save As v8.4x” command, which caused the application to crash in a specific sequence.
33. A defect has been fixed in the “Run to Path” command, which placed the bars incorrectly in a specific sequence.

Version 2015 Service Pack

1. Fixed a defect that reported the incorrect number of bars in Soule, Pinnacle, Romac, Canada, Arma, Shear97 and RMS production outputs, in a specific sequence.

Version 2015

1. Support for AutoCAD 2015.
2. Improvements made to the “Assign bars to release” feature which earlier displayed only the used grades in a drawing instead of entire configured grades.
3. Default OSNAP option has now been reverted to use “Near” while placing a label, instead of the default value.
4. New feature to reset Member, Release and few other dialogs to its default position has been introduced.
5. New option added to the “Match bars” feature to suppress or display the default prompts.
6. Option added to show or hide the first issue revision mark in the bar list reports and in the drawing.
7. Fixed the defect in which incorrect values were displayed for the “page number” and “total page” fields in a specific sequence.
8. Fixed the defect that took considerable time in a specific sequence to place a bar list in the drawing.
9. Fixed the defect in which the “Edit Range” dialog displayed duplicated dimensions for tapered ranges in a specific sequence.
10. Fixed the “Match bars” feature which failed to match the bars in a specific sequence.
11. Fixed the defect which showed a “discrepancy error” when more than 60 characters were entered in the bar label notes.
12. Fixed the defect that showed an error message about release synchronization when opening drawings.
13. Fixed the crash which occurred while using the “Place shape schedule” feature.
14. Fixed the defect which updated all bar sets of the same bar mark when one of its bar was stretched.
15. Fixed the defect in the aSa production output, which reported incorrect bar quantity for tapered ranges in a specific sequence.
16. Fixed the defect in the Soule production output, which reported incorrect coupler data.
17. Fields “Color” and “Schedule ship time” have now been made optional in the Pinnacle production output.
18. Fixed the defect which adopted the label direction of a previously drawn taper range.
19. Fixed the defect which did not update the schedule revision mark while editing the bars that were combined in the bar list.

Version 9.12 Service Pack (Build 1819)

1. Fix to a Check Database error, which corrupted the drawing data when a drawing sheet was deleted in a specific sequence.
2. Fix to the Check Database command to include an additional check for the bar set line number.

3. Fix to the range text annotation in fixed pitch and staggered fixed pitch ranges which reported an incorrect number of bars in a specific sequence.

Version 9.12

1. Support for AutoCAD 2014, AutoCAD Architecture 2014, AutoCAD Civil 3D 2014, AutoCAD Map 3D 2014, AutoCAD Mechanical 2014, AutoCAD MEP 2014 and AutoCAD Structural Detailing 2014.
2. Enhancement to Coupler dialog.
3. New feature to assign symbols to different types and makes of Couplers and Threads.
4. New feature allows multiple editing of Bars with Coupler.
5. New feature to apply Coupler Grades.
6. Option to identify Unavailable Couplers present in the drawing.
7. Fix to Coupler feature to support copy and mirror operation on Bar View with Coupler.
8. Fix to Accessories list which failed to update the Coupler quantity in specific sequences.
9. Fix to bent bar list on drawing which reported incorrect weight if first and last bar of tapered range alone is displayed.
10. Updated types file for Canada Imperial settings.
11. Enhancement to Match bars command to match bar based on Drawing Sheet, Release or Member.
12. Enhancement to Compact bars command to compact bar based on Drawing Sheet, Release or Member and to specify the starting Bar Mark number.
13. New feature to configure Stock Lengths for each Bar Size.
14. Enhancement to Drawing Audit command to identify the Bars detailed with length greater than the stock length.
15. New feature to configure the Bar Reference to include a Block or Dimensioned Bend Type sketch.
16. New feature to configure the Range Annotation format and position.
17. Option to configure the Range Length for Range Annotation.
18. Support of dimensioned sketches in Bar List on drawing and printed reports.
19. New feature to include dimensioned sketches in Bar List on Drawing and printed reports.
20. New command CADS_RC_TRC introduced to identify corrupted tapered ranges in a drawing.
21. New feature to generate Production Output File in MS Excel format.
22. New feature to report Unlabeled bar as Incomplete while generating the Production Output File, placing Bar List on Drawing and generating printed Reports.
23. New feature to place curtail length for Tapered Ranges.
24. Option to support Calibri font type in bent type diagram configuration.
25. Enhancement to GLO feature to support Area detailer, Change range, Split range and Circular Bar Detailer.
26. Enhancement to custom sorting for Member and Release to default from drawing.

27. Option to display coupler type in Dimensioned sketches using custom block files.
28. Enhancement to Check Database command to run a check before generating the TSV production output file.
29. Option to print Coupler Report from Bar Schedule using the customized report file.
30. Option to configure drawing of Un-listed Bars in a separate layer.
31. Option to configure Bar Leader Line offset from the Bar Label.
32. Option to exclude the Bar Mark for labelling Un-listed Bars.
33. New feature to group revision clouds.
34. Fix to allow display of alternating solid and hollow bar for Alternate Range Bar Runs.
35. New feature to configure additional Tick types in Tick and Tag Feature.
36. New feature to display both the Net length and Gross length of bars in the Bar List using a customized BDF file.
37. New feature to display bar ends as 'doughnuts' or 'cross' based on the projecting bar view when using a customized BDF file.
38. Fix to Split Range Tool which failed to execute in specific sequences.
39. Fix to Bar List Revision Mark which failed to update in a specific sequence.
40. Fix to VPM viewports to avoid multiple warning messages for overlapped viewports.
41. Fix to Bar in Section which failed to draw as per configuration in a specific sequence.
42. Fix to Weight Report and Weight Summary Report to display correct user field values.
43. Fix to Change Set to View command to remove Extra Notes.
44. Fix to the "Bar List on Drawing" feature to display straight bar leg dimension as per the Bar List Configuration.
45. Fix to the Check RC Database command for invalid date error warning.
46. Fix to the Check RC Database command to improve performance in a specific sequence.
47. Fix to the Drawing Issue feature to improve performance with the Lock Issued Line configuration option.
48. Fix to "Run to Path" command which detailed incorrectly in a specific sequence.
49. Fix to Change Range Type for incorrect range drawing in a specific sequence.
50. Fix to CAD\$RC_REDRAW to correct bar orientation in a specific sequence.
51. Fix to Bar List - Localization configuration setting to restrict '0' precision when Length configured to show in Meters.
52. Fix to ensure the bent bar rounding value is not applied to straight bars in a specific sequence.
53. Fix to the Special Bar feature to read the correct file path in a specific sequence.
54. Fix to override revision mark when "-" is used for the first issue.
55. Fix to bar hook to update dimensions as configured in a specific sequence.
56. Fix to CAD\$RC_REDRAW command to avoid bars with coupler 'explode' in a specific sequence.

57. Fix to the Overstock length feature to work with the DIMENSIONMINIMUMS configuration in a specific sequence.
58. Fix for AutoCAD Map3D 2013 to avoid application crash while closing the application.
59. Fix to printed Reports and “Bar List on Drawing” to report Unit weight in a specific sequence.
60. Fix to Bar Reference to avoid incorrect reporting as a non-linked entity in a specific sequence.
61. Fix to Tapered Ranges for inconsistencies between Bar Schedule and drawing in a specific sequence.
62. Fix to delete viewport border in model space if the viewport is deleted in the paper space.
63. Fix to the Share Range feature which failed to execute in a specific sequence.
64. Fix to incorrect text size when the drawing is saved in paper space.
65. Fix to AutoCAD drop down menu to display properly in a specific sequence.
66. Fix to the Area detailer to draw the correct envelope in a specific sequence.
67. Fix to Bar Reference to display the correct Bar Mark in Over Stock Length group.
68. Fix to the Bid Item feature which disallowed editing in a specific sequence.
69. Fix to Bar Reference to display the correct Bar Mark in Over Stock Length group.
70. Fix to the CAD\$RC_REDRAW command which incorrectly scaled the Bar Reference in a specific sequence.
71. Fix to the Release dialog to report the Unique Order Number for ordered releases in a specific sequence.
72. Fix to the configuration \$SHPCD field to display the Bar Shape name in the label to match the display in Bar Schedule.
73. Fix to the aSa production output file to update the BCD values in a specific sequence.
74. Fix to place bent “Bar List on Drawing” which failed to place Bar List if only straight tapered bars or straight coupler bars were present in the drawing.
75. Fix to the AutoCAD Save as command to avoid application crash in a specific sequence.
76. Fix to avoid the incorrect revision warning message during drawing opening.
77. Fix to retain the configured folder path for Bar List Configuration file.
78. Fix to Range Length to update while editing the Slope Length.

Version 9.11 Service Pack (Build 1714)

1. RebarCAD will now display a warning message while generating the Harris file output (.TSV) through AutoCAD command prompt for incomplete bar data in bar list and data inconsistency between drawing and bar list.
2. Fix for error displayed while placing bent bar list on drawing in a specific sequence.
3. Fix to remove extra notes when changing Bar Set to View.
4. Fix to delete VPM viewport in model space if the AutoCAD Layout containing the corresponding viewport is deleted.

5. Fix to mirror command where bar orientation changed during redraw when the source objects were deleted.
6. Fix to VPM which rescaled texts incorrectly if saved from AutoCAD Paper space.
7. Fix to Bid Item dialog which prevented editing of bid items in specific cases.

Version 9.11 Service Pack (Build 1713)

1. Fix for inconsistent crash while opening RebarCAD if licensed using WAN Network dongle.

Version 9.11

1. Support for AutoCAD 2013, AutoCAD Architecture 2013, AutoCAD Civil 3D 2013, AutoCAD Map 3D 2013, AutoCAD Mechanical 2013, AutoCAD MEP 2013 and AutoCAD Structural Detailing 2013.
2. New message implemented while multi editing bars with non-standard hooks.
3. Help button added to the ribbon menu by default.
4. New message to warn users before overwriting existing Production Output and Electronic Schedule files.
5. Fix to refresh Bar List on drawing command to update all Bar Lists placed on the drawing when bars with the same bar mark are assigned to different Bar Lists.
6. Fix to Drawing Audit command to add highlighted entities into the previous selection list of AutoCAD.
7. Fix to application crash while closing multiple drawings through AutoCAD Quick View command.
8. Fix to schedule data mismatch issue which displayed data from another drawing in certain sequences.
9. Fix to Oversized bar end proportional to bar size feature to draw section views for straight bars.
10. Fix to AutoCAD leader (ADL) lines to avoid merging of leader lines after executing specific RebarCAD tools.
11. Fix to Check Database routine to avoid application crash when 'Display dimensioned sketches' configuration is switched on.
12. Synchronization of release status with file feature now updated to exclude Drawing Set Number while updating the release status.
13. Fix in "Usasm_config.xml" file to display -correct path for Bid Structure import file.
14. Fix to Double Indicator Range to detailer bar leader inside the VPM layout in a specific sequence.
15. Fix to Compact Bar mark feature which corrupted drawing in a specific sequence.
16. Fix to un-issue schedule command from Bar List which triggered unhandled exception error in a specific sequence.
17. Fix to OSL bars in curved areas for a specific sequence in Area detailer.
18. Fix to application crash when importing large Bid Item file in a specific sequence.

Version 9.10

1. New feature to view offcut bars while detailing.
2. New feature to convert polylines to bars, linear ranges and tapered ranges.
3. Drawing audit feature rewritten to enhance performance.
4. Additional configuration item in bar list settings to support length units in centimeters.
5. Option to display center to center (c\c) value in printed reports and schedules placed on drawing.
6. New feature to wipe out RebarCAD data from AutoCAD drawing such that RebarCAD drawings could be re-used as templates.
7. Additional configuration item to display oversized bar ends, bar runs and bar in sections, proportional to its bar sizes.
8. Additional configuration option to specify snap setting while placing leader.
9. Additional configuration option to justify range text annotation for multiple pitch ranges.
10. Direct link to Schnell fabrication system.
11. Fix to Member title dialog which displayed error messages while editing Member title in older version drawings.
12. Fix to Tapered ranges where the abbreviated text was not displayed in printed reports in a specific sequence.
13. Fix to multiple bar edit feature to ensure Label notes are updated when any bar parameter is updated along with the bar spacing value.
14. Fix to Pile Cap detailer tool to detail pile cap with seven numbers of piles properly.
15. Fix to bar list which displayed error while deleting blank lines in a specific sequence.
16. Fix to Change range type tool in which the alternate range was detailed improperly in a specific sequence.
17. Fix to Accessories list where undo command created duplicate accessories lists.
18. Fix to Beam detailer macro tool which detailed incorrectly after using "Save as v9.07 drawing..." command.
19. Fix to Edit range dialog to avoid crash when the number of bars is set as 1.
20. Fix to Area detailer where changing cover value to "0" displayed error messages.
21. Additional validation in Draw bar dialog to avoid drawing corruption when the bar mark is entered as '00'.
22. Fix to Member and Release dialog to accept special characters for Member title description and Release description respectively.
23. Fix to Order materials dialog which displayed the weight of bars unassigned to a release in a specific sequence
24. Fix to Soule production output file in which Date and time wanted field always defaulted to current date and time.
25. Fix to production output files which displayed incorrect quantity for part of tapered range bars created in a specific sequence.

Version 9.09 Service Pack (Build 1611)

1. Fix to incorrect placement of Auto CAD dimensioned leader when the vertical text placement is aligned as 'centered'.
2. Fix to the Ticks and tag feature in VPM environment where the tag text got placed in the "0" layer instead of the configured layer.
3. Fix to ASA production output file in the 64 bit version to ensure 'BC' value is printed out in the correct format.
4. Additional configuration items in the Tick and tags feature to use Auto CAD leader instead of the standard RebarCAD Leader.
5. Additional configuration items to configure range end marker arrows for single and double indicator ranges.
6. Feature to place bar pointers on a range line when not intersecting with the bar indicator reinstated.

Version 9.09

1. Support for AutoCAD 2012, AutoCAD Architecture 2012, AutoCAD Civil 3D 2012, AutoCAD Map 3D 2012, AutoCAD Mechanical 2012, AutoCAD MEP 2012 and AutoCAD Structural Detailing 2012.
2. New option to save RebarCAD v9.09 drawings into the RebarCAD v9.04 – v9.07 format. RebarCAD v9.09 drawings are compatible with RebarCAD v9.08 drawing format.
3. Bar label feature enhanced to allow all Object Snap (OSNAP) modes in use, while placing Bar Leader instead of just the 'Nearest' mode.
4. New feature to display dimensioned Bend Type diagrams in the Bar Label.
5. New feature to show Revision Cloud for only the Current Revision or for All Revisions.
6. New feature to control Range annotation Height and Text Style.
7. Additional configuration items in Special Bar feature to display Special Bar dialog when called from Draw Bar dialog, to automatically assign leg dimensions when converting AutoCAD polylines into special bars and to automatically name the new Bend Type using predefined Bend Type prefix.
8. New configuration to control the size and position of AutoCAD blocks in Bar Label format.
9. New configuration to specify offset distance when placing Bar Mark inscribed in a circle in Bar Label.
10. New feature to configure and place multiline Bar Labels.
11. Option to display Bar Label notes in Bar List on Drawing and Bar List Print Reports.
12. Additional option to display straight Bar Marks in RebarCAD standard output (CSF format) file.
13. GLO commands – "Show all Bars", "Suppress all Bars" and "Ignore" reinstated.
14. Special Bar feature now set to automatically create Bend Type sketch for Bar List on Drawing and Bar List Print Reports.
15. Additional configuration option to configure End Treatment value for Coupler and Thread labels.
16. Fix to Accessories List which caused performance issues in a specific sequence.

17. Fix to AutoCAD leader to avoid incorrect Leader placement in a specific sequence.
18. Fix to CAD\$RC_REDRAW command which exploded Bars and Ranges in a specific sequence.
19. Fix to Draw Bar dialog to avoid showing incorrect error messages with USSIMP.DEF settings.
20. Fix to Over Stock Length feature to redraw Bar Labels in a specific sequence.
21. Fix to Bar List on Drawing feature to update Member\Release description when refreshed.
22. Fix to Bar Label configuration to report correct Bar Length, when configured.
23. Fix to Revision Table to display date format as configured in the operating system.
24. Fix to display Bar Label list on Drawing when only straight bars are present in the drawing file.
25. RebarCAD Productivity Tools enhanced to work with Canda3 (i.e. Canadian Imperial) settings.
26. Fix to Bar List view which failed to display certain Bar Sizes in a specific sequence.
27. Fix to Bend Bar List on Drawing command to avoid listing straight bars when refreshed.
28. Fix to Member, Release, Bid Item and Bid Structure dialogs to accept special characters.
29. Fix to Bar List view & Order Materials dialog to display correct weights in a specific sequence.
30. Fix for incorrect Bar References scaling when configured to use AutoCAD Leaders.
31. Fix to Menu Load command in certain sequences.
32. Fix to Revision feature which sporadically corrupted revision history and also affected drawing file performance.
33. Fix to Alternate Range which displayed the incorrect number of Alternate bars in a specific sequence while running check data base command.

Version 9.08 Service Pack (Build 1548)

1. Fix to aSa and Soule production output files to report correct rebar quantities in a specific sequence for revised drawings.
2. Fix to report total weight in imperial units when opening imperial drawings created in earlier versions of RebarCAD.
3. Fix in DEF file migration utility to automatically update DEF files created in earlier versions of RebarCAD.
4. Fix in CANADA-3 DEF file settings to avoid showing false error messages.

Version 9.08

1. New feature to convert Poly line into special bars, Special Bar creator improved to allow optional hooks.
2. Configuration option to specify default DEF file while creating new drawings.
3. Option to specify Label rotation angle when drawing Bars or Ranges.
4. Bar list now supports 20 numbers of user fields which can be used in Bar list on Drawing or Printed Reports.

5. Drawing data structure restructured to improve performance while opening and saving the drawing.
6. Bars can be assigned to Bid Item and Bid Structure in addition to Release, Drawing Sheet and Member. Configuration option available to enable or disable the same.
7. New feature to Search bars of specific bar marks/size/bend type or bar grade in the bar list.
8. New feature to provide Release Description for each Release.
9. Option to sequence Release, Bid Item, Bid Structure and Member in their respective dialog boxes.
10. Additional option to select all bars un-assigned to any Release to a valid Release. This option is available for Bid Items too.
11. Coupler data updated as per latest available datasheets
12. Lenton couplers updated for Canadian Metric size bars.
13. Configuration option to synchronize project based Couplers, Release, Bid Item & Bid Structure from external file.
14. New feature to specify and apply End Treatment to bar ends and to view End Adjustment Value in coupler dialog.
15. RC Productivity tools updated to work with USASM.DEF file configuration.
16. Highlight Bar feature improved to highlight labels along with bars.
17. Harris (*.TSV) file format in Production Output File and Electronic Schedule file is now supported.
18. Configuration option to notify when a drawing is opened or edited.
19. Option to swap bar marks for Alternate Range from Edit Range dialog
20. Critical dimension for bars now printed in specific location in ASA production output file
21. Fix to a number of defects to ensure AutoCAD texts are scaled properly in VPM environment.
22. Fix for Bar Reference copied with Bar and Label even if they are not selected.
23. Fix to Stretch command not working properly while stretching bar run in a specific sequence.
24. Fix to Extract Data command which incorrectly updated Bar Mark in specific sequence
25. Fix to save command to ensure drawing is saved with bar list on drawing in a specific sequence.
26. Fix to a specific sequence in aSa Production output file to ensure Release is ordered only when Job Number is available.
27. Fix to allow data item Alternate Size and Material for Bar list on Drawing and Printed Reports.
28. Fix for ensure Release Description and Member Description are updated correctly in Bar List on Drawing header.
29. Fix to ensure file output from Free Form bar list is as per configured units.
30. Fix to ensure Number of Members is not zero in the Member dialog.
31. Fix to Bar List on Drawing to ensure Total Length is displayed in configured unit.
32. Fix to Bar List on Drawing to ensure dimensions less than a feet in imperial unit is prefixed with zero.
33. Fix to a specific sequence in dynamic title blocks to ensure Drawing Number is read correctly.

Version 9.07 Service Pack (build 1498)

1. Fix to specific sequence of stretch command for fixed pitch ranges and multiple pitch ranges, which updated range length with incorrect value.
2. Fix to specific sequence in Match bar command which failed to update bar marks with prefix.
3. Fix to incorrect scaling of Bar references in VPM environment when copy pasted from another drawing.
4. Fix to Match bar command line entry to accommodate values other than Yes or No.
5. Fix to Extract data command which missed updating the bar mark with the correct bar size.
6. Fix to ensure RebarCAD Online feature looks for new updates only as per the configuration set by the user.

Version 9.07

1. Support for AutoCAD 2011 (and all verticals).
2. Support for RC Productivity Tools in 64 bit operating systems.
3. Fix to check database command which failed to identify and correct incorrect bar label.
4. Fix to title block configuration and connecting to website every time you open RebarCAD in Windows Vista and Windows 7 machines.
5. Fix done to Mesh Calculator configuration when adding new mesh types.
6. Fix to Radial Bar Detailer default grade type.
7. Fix to bar list data error for Alternate Ranges in specific sequence.
8. Fix to Step Taper Range to ensure the bar data is correctly updated to the bar list.
9. Fix for stretch command not working properly for Alternate Fixed Pitch\Alternate Multiple Pitch Bar Run.
10. Fix for range line exploding problem in specific sequence.
11. Fix to bar label revision cloud not appearing in specific sequence when doing bar edit.
12. Fix to Split Range where the number of bars were shown as zero in a specific sequence.
13. Fix for production output files which included deleted bar information in specific sequence.
14. Fix to Add Standee feature when placing it with No Bar View option.

Version 9.06

1. Support for 64 bit versions of Windows 7®, Windows Vista® and Windows XP®.
2. Support for AutoCAD 2010 installed with AutoCAD Structural Detailing Suite.
3. Improved performance for bar list feature.
4. Configuration option to allow combining of bar marks spread across different drawing sheets.

5. Drawing audit feature improved to identify and highlight bars un-assigned to any drawing sheet, release or member.
6. Option to remove configured drawing sheet title blocks using the Configure Title Block dialog.
7. Default BDF file set to USASTD.BDF.
8. Soule.BDF file, Pinnacle.BDF file, Soule.BDF file and Shear97.BDF file updated and available with many defect fixes.
9. Additional check for bars un-assigned in any drawing sheet during operations such as drawing sheet issue, print report and place bar list on drawing.
10. Fix to Assign bars to release command to reinstate by Member and by Drawing sheet option.
11. Fix for crash in ACAD 2010 when purge command is used.
12. Fix for RebarCAD Manager to work with ACAD 2010.
13. Fix for incorrect placement of Revision clouds and Call out symbols.
14. Fix for ACAD crash in Vista while opening RebarCAD installed with RebarCAD Palettes pre-release.
15. Fix to validate bar mark entry such that it does not contain any special characters.
16. Fix for title block configuration utility which caused delay in opening certain drawing files.
17. Fix for ASA output to print production grade if configured to CANADA.DEF.

Version 9.05

1. Support for AutoCAD 2010 and all verticals (AutoCAD Architecture 2010, AutoCAD MEP 2010, AutoCAD Civil 3D 2010, AutoCAD Map 3D 2010, and AutoCAD Mechanical 2010)
2. Additional filter options in "Assign bars to release" dialog.
3. Option to assign partially un-ordered bars to selected release.
4. Configuration to control offset distance between revision cloud and label.
5. Configuration to place weight report on drawing for "all" or for selected Release\Drawing sheet\Member.
6. Supports shape codes with predefined couplers.
7. Configuration option extended to show Release\Members dialog on drawing first bar in new drawing and in existing drawings.
8. The def file used in the drawing is displayed in draw bar and edit bar dialogs.
9. Configuration option to control display of imperial dimensions less than 1' with or without leading 0' character.
10. Configuration option for tapered ranges to control the text line description and its position.
11. Option to control "99-"character prefix to special shape code name in Steelpac electronic output file.
12. Configuration option for ASA output to display bar mark for straight bars.
13. Fix to ASA output to remove duplicate 2R lines.
14. Fix to edit header and footer fields to retain the entered values after saving the drawing.

15. Fix to RMS output to support four digits of total number of bars value.
16. Fix to ASA output to display number of stirrups for shape code 15 in ASA BDF.
17. Fix to revision mark corruption on opening issued drawings created in previous versions.
18. Fix to Soule output files displaying junk characters while import.

Version 9.04

1. Support for AutoCAD Mechanical.
2. Support the display of actual dimensions on bar list diagrams.
3. Facility to edit (override) a bars revision level and page header revisions.
4. Easier to switch between producing a bar list and bent bar list on drawing.
5. Un-combine command.
6. Configuration to control whether bar mark is reported for straight bars.
7. Partial un-order facility.
8. Ability to place multiple bars lists on drawing in one operation.
9. Enhanced highlight bar in drawing command.
10. Specify revision level for each revision type configuration option.
11. Removal of errors caused by title block fields.
12. Drawing re-use warning on Check Database command.
13. Refresh all viewports commands.
14. Additional CSF data format configuration settings.
15. Stability improvements to expand operational boundaries.
16. Additional configuration to control the presentation of shape diagrams within reports.
17. Rationalization of coupler configurations.
18. Member and release description fields available for review from bar list dialog.
19. Fix to incorrect revisions when stretching ranges.
20. Fixes to Steelpac output so as to make diagram identification consistent.
21. Fix to date format issues within Steelpac output.
22. Fix to rescaling of annotation on closing/saving a drawing.
23. Reduction in permissible stock lengths.
24. Weight units shown in summary tables.
25. Numerous fixes to presentation problems in Excel.
26. Fix to problem causing loss of ribbon icons following installation of AutoCAD 2009 updates.
27. Resolution to defect that causes "command in progress" errors to appear.
28. Confirmation requested on pressing cancel from Configure Title Block dialog.

29. UserBDF facility now operable.
30. Improved accessibility to Excel and PDF output features.
31. Restriction on use of obsolete re-sync command.
32. Selection of fixes to the RC tools including Area Detailer, Split Range, etc.

Version 9.03

1. Support for AutoCAD 2009 (and all verticals).
2. RebarCAD Ribbon offered in AutoCAD 2009, together with extended tooltips.
3. Bar list menu and toolbar replaced with ribbon panel.
4. Improved icons on all ribbons, toolbars and ribbons. Full support for the AutoCAD UseLarge Buttons for Toolbars feature.
5. Specification of up to three separate BDF files now possible. Additional sort options allow the bend types list to be sorted and grouped.
6. Re-instated v8 approach to product launch from desktop icon. Support for AutoCAD parameters such as /t to load a specific DWT file now restored.
7. No need for administrator rights when installing for Windows Vista.
8. Raft of memory management improvements aimed at improving product stability.
9. Data integrity checks added to all output options.
10. Additional by-release printed report templates added. Templates for bar list and bent bar list included that ignore the Include standard straight bar configuration setting.
11. Revision clouds and symbols now placed on different layers.
12. Fixed problem that prevents the double-click editing of bars when true type fonts are configured.
13. Controls used for report printing updated (DevExpress v7.2).
14. Highlight bar in drawing feature now supports multiple drawing sheets.
15. Use of legacy v8 DCL files is detected and a warning supplied.
16. Location of shape sketch changes. See what's new for details.
17. Save As v8.4 feature now offers advice on saving to previous DWG formats.
18. Metric and imperial desktop icons created for RebarCAD.
19. Numerous stability improvements following investigations into damaged drawings.
20. Products now grouped under "Detailing" folder within Windows Start menu.
21. Various fixes that ensure the schedule accurately reflects bars drawn via the RC tools.
22. Numerous fixes to problems related to the display of shape sketches within the bar list.
23. Fix to problem of electronic transfers files not being generated when fixed location specified.
24. Fix to date header format problem in RMS output.
25. Free-form report now sorts correctly by default and formats weights as per localization settings.
26. Report designer now offers a field equivalent to the Drawing Sheet Revision Mark.

27. Resolution of problems pertaining to use of the compact bars on ordered bars.
28. Various fixes related to the incorrect scaling of entities by Viewport Manager.
29. User fields now shown in the header even when multiple pages are output.
30. The AutoCAD last and previous operator was being wiped by RebarCAD.
31. Support for specification of a blank first revision level added.
32. Shape table scaled and formatted to more closely match v8.
33. Revision table now adopts the date format from Windows.
34. Fix to problem whereby cell width is enlarged for bar lists placed in paperspace.
35. Configuration that controls the display of run-out dimensions rectified.

Version 9.02

1. A number of key fixes have been made to resolve issues that caused either error messages on entering the bar list or for the data shown in the bar list to be out-of-step with the drawing.
2. The Check Database command has been extended to identify and correct any discrepancies between the drawing and bar list.
3. A range of performance improvements have been implemented especially in relation to prolonged periods of use with the bar list continually open.
4. Auto-combine feature added.
5. The resetting of osnaps settings following use of RebarCAD commands has been resolved.
6. Release dialog now offers ACI color palette and unassigned bars are appearing on By-layer color.
7. New highlight bar in drawing feature added to right click menu on formatted view of bar list
8. RMS production output option re-introduced.
9. Feature to automatically migrate V8 DEF files introduced.
10. Soule users can now order of multiple releases in a single operation.
11. Improved population of headers to production output dialogs.
12. Tapered ranges bars now identified in Soule production output.
13. All associated header values are now being automatically populated during order to Soule.
14. Option to omit standard shape diagrams data from Soule production output included.
15. Simplification of title block (drawing sheet) configuration workflow.
16. Option to abbreviate the reporting of tapered ranges included.
17. Array of area detailer improvements.
18. Type and size column alignment on standard bar list on drawing improved.
19. Range of AutoCAD Dimension Leader (intelligent leader) improvements.
20. Weight summary by grade, size and segregated by release added.
21. Option to prefix the aSa production output filename included.

22. Option to specify a user specific aSa production output filename extension included.
23. Header dialog added to all CSF production output formats.
24. Presentation of bar list on drawing improved by adjusting column sizes and alignments.
25. Locked lines issuing and revision setting now supports improved control over formatting.
26. Improved defaulting of current drawing sheet, release and member throughout program.
27. Fix to match bar problem when bar marks exceed two characters.
28. Use of alternative sizes automatic comes through to reports.
29. Editing of OSL bars now successfully triggers revision warning.
30. Text font improvements with bar list on drawing customization.
31. Header date fields now fully editable and stay set following issue, etc.
32. Warning message on specifying a release description which includes commas for CSF outputs
33. CADs-USA toolbar added as standard.
34. Resolution of defects that result in drawing damage when saving following a close operation.
35. Resolution of defect that resulted in numerous BDF errors appearing on loading drawings containing specific bend types (“failed to find view” & “Bmin” errors).
36. Location and customer/client header data now coming through to reports automatically.
37. Removal of restrictions on saving to a previous version of AutoCAD.
38. Improved locating of slide files created via the special bar creator.
39. Tutorial extended and quality of screen shots improved.
40. Support for AutoCAD DDINSERT (insert) command added.
41. Range of stability and usability improvements to the RC tools and detailers.
42. Substantial ranges of additional minor fixes to bar list related functionality.

Version 9.01

1. Support for Microsoft Windows Vista.
2. Support for AutoCAD 2008 (and all verticals).
3. Character re-alignment in Soule Header.
4. Fixes in relation to the display of bend type sketches.
5. Further fixes/improvements to RC tools.
6. Hidden CADs_RCTOACAD command re-instated.
7. Additional warnings and usage tips added.
8. Substantial ranges of additional fixes to bar list related functionality.

Version 9.00

1. New bar list with attractive, interactive and friendly user interface (see What's New & Getting Started with V9 Guide for more information).
2. Create multiple drawings and bars lists from a single DWG file. Support for working across AutoCAD layouts, via drawing sheets.
3. Fully featured issue and revision system including automatic generation of revision clouds and tables.
4. Produce quick reports and queries using the new free-form report generator.
5. Automatic notification when bar list on drawing needs updating. Quick update feature.
6. Improved take-off/order process.
7. Categorization by member.
8. Multiple sorting and formatting options.
9. Set your company standards using the simply and concise bar list configuration.
10. Support for Autodesk Civil 3D, Autodesk Building Systems, Autodesk Map3D (2006 and above).
11. Numerous installation improvements and applications load automatically.
12. Improved product documentation including new tutorial.
13. Tip-of-the-day and usage tips added.
14. Extensive improvements to the RC tools.