



CADS RC/RebarCAD 2024.0

Service Pack Release Notes



GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES



Microsoft
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CADS RC/RebarCAD 2024.0 service packs

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

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

CADS Detailing V2024.0 - SP5

Service Pack Name	Release Date	Build number	Remarks
CADS Detailing V2024.0 - SP5	07 Nov 2024	4923.5	CADS RC/RebarCAD

Updates

1. Annotation improvements

Enhancements have been made to support multiple formats for various bar references within a drawing.

2. Release improvements

Enhancements have been made to automatically set the value of the 'Release Description' field in the Release dialog based on the value entered in the 'Release Description Line 1' field in the Release Properties dialog, according to the barlist configuration settings.

A bug that prevented the warning message for the release description from being shown at a specific sequence has been fixed.

A bug that caused an incorrect ordered date to be set for a release at a specific sequence has been fixed.

3. Coupler improvements

Enhancements have been made to ensure that coupler data is attached to copied bars when using AutoCAD's COPY & PASTE commands.

Enhancements have been made to set the rotation angle for the coupler text for bars attached with coupler data.

Enhancements have been made to allow copying and pasting of bars with attached coupler data across drawings.

A bug that occurred when adding a section view for a bar with attached couplers at a specific sequence has been fixed.

A bug in the CADS Scale environment that caused incorrect scaling of the coupler label text in a specific sequence has been fixed.

A bug in the CADS Viewport Manager environment that caused incorrect scaling of the coupler label text in a specific sequence has been fixed.

4. Bend type/Shape code improvements

A bug related to the bent type/shape code not being validated for case insensitivity has been fixed.

A new RC API, `set_rc_config`, has been introduced to allow the setting of Gconfig values through the BDF code, resolving an issue with the bend type T3.

A bug that prevented the warning message from appearing when adding a view with the updated D leg dimension in bend type 17 has been fixed.

5. RC LISP API improvements

The existing RC LISP API, `CADS_RCL_UPCCNUM`, has been enhanced to set the hidden multiplier.

A new RC LISP API has been introduced to retrieve all dimensions of a bar.

A bug related to the LISP API, `CADS_RCL_LABEL_BAR`, which was causing duplicate labels to be created at a specific sequence, has been fixed.

6. New generation macros

Several enhancements have been made to the new generation Area Detailer macro.

7. Defect fixes

A bug related to the Windows 11 24H2 upgrade has been fixed.

A bug related to the bar mark not being updated according to the appropriate format at a specific sequence has been fixed.

A bug related to delay in double opening a drawing configured with a larger size BDF file has been fixed.

A bug related to installing the service pack for a product in a folder other than the default folder has been fixed.

CADS Detailing V2024.0 - SP4

Service Pack Name	Release Date	Build number	Remarks
CADS Detailing V2024.0 - SP4	07 Jun 2024	4923.4	CADS RC/RebarCAD

Updates

- ▶ Enhancements have been made to log the actions related to licensing checking and product initialization related workflows;
- ▶ Enhancements have been made for the automatic file management of action and error logs;
- ▶ Enhancements have been made to allow resizing of the Order Materials dialog;
- ▶ Enhancements have been made to configure range text for single indicator range;
- ▶ A bug related to setting the bar grades on importing pile cap designer jobs in pile cap detailer has been fixed;
- ▶ A bug related to the range line drawn incorrectly for double indicator taper range for bent bars has been fixed;
- ▶ A bug related to bar reference when a space is used between the tags and the Draw Dimension Label/Leaders option is enabled has been fixed;
- ▶ Enhancements have been made in Lenton coupler to support A12 transitional coupler type and P9 & P14 Position/Transition couplers;
- ▶ A bug related to schedule/bar list reporting blank values for some fields at a specific sequence has been fixed;
- ▶ A bug related to a warning message in the Order Materials dialog has been fixed;
- ▶ A bug related to the note value not retaining in the bar label using LISP API has been fixed;
- ▶ A bug related to assigning a coupler to a bar with 0 quantity has been fixed;
- ▶ A bug related to PDF Export at a specific sequence has been fixed;
- ▶ A bug related to updating the value of the DisplayEandRDimsInSingleField field has been fixed.

CADS Detailing V2024.0 - SP3

Service Pack Name	Release Date	Build number	Remarks
CADS Detailing V2024.0 - SP3	15 Mar 2024	4923.3	CADS RC/RebarCAD

Updates

- ▶ Enhancements have been made to retain the coupler data in the accessories list and the bar list, after deleting the views or coupler symbols of the bars attached with couplers;
- ▶ Enhancements have been made to support the %UserName% in the configurations related to filenames;
- ▶ Enhancements have been made to configure the maximum character limit for release description in the release dialog;
- ▶ Enhancements have been made to configure the layer name for the layout created using the CADS_VPM_CREATE_LAYOUT command;
- ▶ A bug related to refreshing the accessories list, when the coupler data file is missing has been fixed;
- ▶ A bug related to refreshing the accessories list at a particular sequence, when using the CADS_RC_REDRAW command has been fixed;
- ▶ A bug related to updating the coupler data on changing the size of the bar has been fixed;
- ▶ A bug related to release description not getting reported on the bar list on drawing, when sub release exists for a release, has been fixed;
- ▶ A bug related to seismic flag in the Draw/Edit bar dialog getting turned ON always has been fixed;
- ▶ A bug related to the hook options in the Draw/Edit bar dialog getting disabled at a particular sequence has been fixed;
- ▶ A bug related to default hook options in the Draw/Edit bar dialog has been fixed.

CADS Detailing V2024.0 - SP2

Service Pack Name	Release Date	Build number	Remarks
CADS Detailing V2024.0 - SP2	10 Nov 2023	4923.2	CADS RC/RebarCAD

Updates

- ▶ Enhancements have been made in the Release Properties dialog to configure the maximum length and the mapping field for the default value of Release Description;
- ▶ A new bar mark format for straight bars with end treatment has been introduced;
- ▶ A new tag format for straight bars with end treatment has been introduced;
- ▶ A bug related to bar mark getting updated at a specific sequence has been fixed;
- ▶ A bug related to release weight, when sub releases are assigned to releases has been fixed.

CADS Detailing V2024.0 - SP1

Service Pack Name	Release Date	Build number	Remarks
CADS Detailing V2024.0 - SP1	10 Oct 2023	4923.1	CADS RC/RebarCAD

Updates

- ▶ Support special symbols - $\$ \# *$ in the bar mark and prefix;
- ▶ Support LISP enquiry function to retrieve the Bid Item of the the couplers attached with the bar set;
- ▶ Bug fix to remove the entries related to 'ACTIVITYINSIGHTPATH' in the profile template for AutoCAD 2024;
- ▶ Bug fix to retain the the release properties at a specific sequence;
- ▶ Bug fix related to retaining the appropriate value set for the seismic hooks.