



CADS UK Design 2026.0
Analysis and Design Release notes



Microsoft
Partner

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CADS UK Design 2026.0

Thank you for upgrading to the latest CADS UK Design.

These release notes summarise the enhancements and corrections made across all software.

CADS UK Design 2026.0 can be installed on Windows 10 and Windows 11.

DVD Installer

General

1. Minor updates to the help and other support documents of all the products.

CADS A3D MAX

Enhancements:

1. A new option has been added to the print layout dialog to view or print member end-effects envelopes. This feature enables quick access to a summary of the maximum axial force, shear force, and bending/torsional moment at member ends, which can be directly used for connection design.

Corrections made:

1. In certain cases, multiple support reactions were incorrectly displayed at a single support when switching from partial view to full view. This issue has now been fixed.
2. In certain cases, graphical results were not updated when the envelope option was selected. This issue has now been fixed.
3. In certain cases, an out-of-memory error occurred when applying EHF. This issue has now been fixed.
4. In certain cases, support moment labels were displayed incorrectly when the envelope option was selected. This has now been fixed.
5. In certain cases, the application crashed during analysis when paired members were present. This has now been fixed.
6. In certain cases, column widths in the Design & Check Results dialogue were not saved. This has now been fixed.
7. In certain cases, the application crashed when switching from Light to Dark mode in the configuration dialog. This has now been fixed.

CADS VelVenti

Enhancements:

1. The user interface has been redesigned to provide an improved user experience.
2. Dynamic pressure values for sites in the USA are now calculated in accordance with ASCE 7-22.
3. Snow load calculations have been updated to comply with the latest Irish National Annex NA+A2:2020 for sites in Ireland.
4. The wind velocity contours and town boundaries can now be optionally displayed on the map for supported regions.
5. A 3D preview is displayed for the site, which can be zoomed, panned or rotated. A satellite display is shown by default. Alternatively, the display can be switched to show a 3D road map view with street names and building outlines.
6. Updated distance to shoreline calculation to account for large inland lakes for sites in the UK.
7. Improved effective height calculation to consider both the influence of tall neighbouring buildings and the sheltering effects of surrounding buildings when both are selected.
8. Reports can now be exported to Microsoft Word.

Corrections made:

1. In certain cases, the probability factor was calculated incorrectly. This has now been fixed.
2. Previously, characteristic ground snow load values for UK sites at altitudes below 100 m did not incorporate the altitude modification factor by default, as specified in Equation NA1 of the UK National Annex to BS EN 1991-1-3. This has now been fixed.

CADS SMART Portal 3D

Corrections made:

1. In certain cases, a warning about duplicate reference names in load combinations was displayed when exporting the model to A3D MAX. This issue has now been fixed.
2. In certain cases, the bill of quantities format was incorrect in the print preview when there were no end frame posts at the near end. This has now been fixed.
3. In certain cases, the ultimate suction load calculated for the left and right walls was incorrect. This has now been fixed.

CADS RC Column Designer

Corrections made:

1. In certain cases, the auto design of circular columns was performed incorrectly for Eurocode. This has now been fixed.
2. Previously, the input option to limit the spacing of longitudinal bars was not considered in Eurocode based design. This has now been fixed.

CADS RC Beam Designer

Corrections made:

1. In certain cases, the stirrup bar layout was incorrect when the detailing code was set to BS 8666:2020. This has now been fixed.

CADS Wall Panel Designer Max

Corrections made:

1. In certain cases, the characteristic strength for flexure (horizontal span) was calculated incorrectly. This has now been fixed.

CADS SW Moment Connections

Corrections made:

1. In certain cases, the input range for the inner bolt centre was not updated when the minimum bolt centre spacing/bolt diameter ratio was edited. This has now been fixed.
2. In certain cases, the moment capacity was reported as zero when bolts were provided only above the top flange in a splice connection. This has now been fixed.