



CADS UK Design 2025.0

Analysis and Design Release notes



Microsoft
Partner

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CADS UK Design 2025.0

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 2025.0 can be installed on Windows 10 and Windows 11.

DVD Installer

General

1. CADS Analyse 3D and CADS Wall Panel Designer have been discontinued in this release and are no longer part of the installer;
2. Minor updates to the help and other support documents of all the products.

CADS A3D MAX

Enhancements:

1. A3D MAX now supports wind loading in accordance with Eurocode EN 1991-1-4:2005+A1:2010;
2. Peak velocity pressure data for locations across the UK and Ireland can be imported into A3D MAX from the CADS Hub Wind Speed software;
3. A new 'Panel Type' property has been added to the Panel Properties dialog, allowing panels to be categorised as roofs, walls, and other types;
4. An intuitive user interface, the Wind Load Generator, has been developed to define wind load cases, generate pressure coefficients, calculate wind loads and review results;
5. In the Wind Load Generator, a 3D envelope of the building can be viewed and detailed reports can be generated and exported to Microsoft Word;
6. Generated wind loads are now automatically applied to the corresponding panels in A3D MAX.

Corrections made:

1. In some cases, load positions were calculated incorrectly when members were split or merged. This issue has now been fixed;
2. Plastic analysis was performed in certain cases even when the global plastic design option was disabled. This issue has now been fixed.

CADS SMART Portal 2D

Corrections made:

1. In some cases, rebar details in Portal 2D report images were cropped. This issue has now been fixed;
2. In certain cases, load positions were incorrectly calculated when exporting the frame to A3D MAX. This issue has now been fixed.

CADS SMART Portal 3D

Corrections made:

1. Supports for door frame posts were missing during export to A3D MAX. This issue has now been fixed;
2. In certain cases, load positions were incorrectly calculated when exporting the frame to A3D MAX. This issue has now been fixed.

CADS Wall Panel Designer MAX

Correction made:

1. Masonry product selections were reset to default when switching between BS and EC codes. This issue has now been fixed.