

Tas Architecture from CADline

Architectural Analysis That Delivers Compliant Results

Tas Architecture from CADline delivers a compliant analysis solution to architects and design professionals by using the 3D geometry information directly from Autodesk Revit.

As changes to the model are made throughout the design process, you are able to continually check the effects of these decisions against current compliancy regulations and understand variations in building performance.

Tas Architecture gives designers and architects a solution helping to influence efficient and compliant designs and reduce project time and costs.



Green BIM – Tas Architecture link to Autodesk Revit



- Green BIM – Revit Architecture 3D geometry model export into CADline Tas Architecture 3D geometry model.
- Revit spaces exported with usage tag.
- Construction element types and window systems types exported with tags.
- Tas Architecture templates automatically occupy the model with occupation schedules and thermal characteristics of construction elements and glazing systems.

CADline Tas Architecture Design Analysis Options

- Solar distribution and solar shading
- Daylight harvesting and lighting controls
- Part L2 2010 Criterion 3 Limiting Solar Gain compliance check
- Passive building performance and natural ventilation
- Natural ventilation performance illustration using CFD
- CIBSE and BB101 overheating analysis
- Mixed mode building performance
- Part L2 2010 Building Energy use/CO2 emissions compliance check
- EPC rating check

