

CLAW BIM Toolkit for Clients

Glossary of Terms



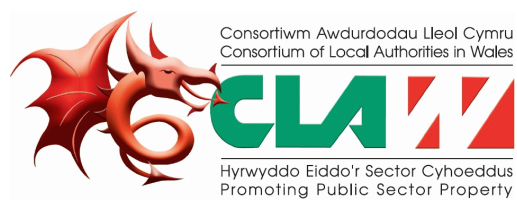
Glossary of Terms

The use of acronyms within industries employing a great number of software platforms can quite easily get out of hand, especially in the construction industry, and even more so when employing BIM. Below is a list, if not exhaustive, of common acronyms and phrases used within this document and elsewhere when discussing BIM

AEC	Architectural, Engineering and Construction
AGi32	Lighting Analysis Software
AIA	The American Institute of Architects
BEP	BIM Execution Plan
BES	Building Energy Simulation
BIM	Building Information Modelling
BMS	Building Management System
BOQ's	Bill of Quantities
BREEAM	Building Research Establishment's Environmental Assessment Method
Buzzsaw	Autodesk online collaborative software
CAD	Computer Aided Design
CAM	Computer Aided Manufacture
Causeway	Cost Management Software
CDE	Common Data Environment. A shared environment where digital content is stored and accessed
Clash Analysis	Spatial, specification and other design non-compliance
Cloud	Internet or web based, usually with reference to storage of information or an application
Collaboration	Creating a joined up work flow using BIM throughout the project life cycle
DWG	Proprietary drawing file format for Autodesk software products
DWF	Design Web Format, Proprietary digital print file format for Autodesk software products

EDMS	Electronic Data Management System
Elum Tools	Lighting Analysis Software
FFE	Furniture, Fittings and Equipment
gbXML	Green Building XML database file, Refers to a file containing data specifically for use I, and linking to, sustainability and environmental BIM software similar to an IFC Green Building.
Green Building Studio	A cloud based sustainable design package used for early concept analysis of models.
IES	A BIM enabled BES and sustainable design software package
IFC	Industry Foundation Class. Refers to interoperability file format allowing information transfer through most types of BIM software indiscriminate of brand, version and type.
IPD	Integrated Project data
LCA	Life Cycle Assessment. A method used to establish Life Cycle Costing for a material or product
Level 2	UK Government Construction Strategy variant on LOD produced by the Cabinet Office
LOD	Level of Development. Is the amount of actual detail present in the model needed to correctly
LoD	Acronym: Level of Detail. The amount of information present in the model
MDM	Multiple Discipline Model
MEA	Model Element Author
MEP	Mechanical, Electrical and Public Works q
MOM	Minutes of Meeting
Navisworks	An Autodesk AEC product used to collate multiple disciplinary 3D models. Three versions exist, Freedom (a free viewer), Simulate (enables project sequencing) and Manage (adds Clash Detection tools to features available in Simulate)
.nwc	Proprietary file format for component Navisworks model data
.nwf	Proprietary file format for compiled Navisworks model data
.nwd	Proprietary file format for published Navisworks model data
NBS	National Building Specification

OSM	Off Site Manufacture
PDF	Portable Document Format
Revit	Autodesk Revit, authoring software allowing the production of architectural, structure and M&E focused BIM models either from scratch or form initial work done in other BIM enabled software
ROI	Return on Investment
SDM	Single Discipline Model
Synchro	A BIM enabled construction sequencing and programming software package
TAS(EDSL)	See IES
QTO	Quantity Take Off. Autodesk AEC product BIm=enabled estimating and surveying software package
WLC	Whole Life Costing



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