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ECA

Representing the best in electrical
engineering and building services

'De-mystifying' BIM - Acronyms used in BIM & Useful Web Sites

3D Model	Basic 3D modelling, coordination and planning
4D Model	Also includes program and scheduling of works (timing)
5D Model	Also includes costs associated with the works
6D Model	Also enables whole life costing (of a building)
AIM	Asset Information Model
AIR	Asset Information Requirements
API	Application Programming Interface
BAM	Building Assembly Model
BAS	Building Automation Systems
BIM	Building Information Modelling (or Management, or both)
BIM Object	Data giving all information on an asset used in the building project. Usually contained in 'Object Libraries'
BIM Platform	Software used in the design process.
'BIMwash	Something that appears to be about BIM but which adds no useful information
BIMIFY	Applying BIM to an existing non BIM project
BMS	Building Management Systems
BOOM	Building Operational Optimisation Model
BREEAM	Building Research Establishment Environmental Assessment Method
BSI	British Standards Institution
CAD	Computer Aided Design
CAFM	Computer Aided Facilities Management
CAPEX	Capital Expenditure
CDE	Common Data Environment
CIC	Computer Integrated Construction
CIS	Construction Information Service
CMM	Capability Maturity Model
CMMS	Computer Maintenance Management Systems
CNC	Computer Numerical Control

COBIE	Construction Operations Building Information Exchange
CORENET	Construction and Real Estate Network
CPD	Continuing Professional Development
CSCS	Construction Skills Certification scheme
DBB	Digital Built Britain
DfMA	Designing for Manufacturing and assembly
DfS	Design for Safety
DPoW	Digital Plan of Work
EIR	Employers Information Requirements
EDMS	Electronic Data Management System
EPOS	Electronic Point of Sale
EUPPD	European Union Public Procurement Directive
FM	Facilities Management
GIS	Geographical Information Systems
GSA	General Services Administration
IBIM	Integrated Building Modelling
ICT	Information and Communications Technology
IDM	Information Delivery Manual
IFC	Industry Foundation Class
IFD	International Framework Dictionary
IoT	Internet of Things
IPD	Integrated Project Delivery
IR	Information Requirements
ISO	International Standards Organisation
IT	Information Technology
ITIL	Information Technology Infrastructure Library
LEED	leadership in Energy and Environmental Design

Level 0 BIM	CAD information, produced with no coordination or collaboration
Level 1 BIM	Mix of 2D and 3D information with limited collaboration between disciplines.
Level 2 BIM	The process of working with digital building information, including data-rich objects, which is effectively shared between those who are building and/or maintaining a building and its services.

Level 3 BIM	One central model, used between all disciplines with 3D modelling, cloud based, and with full collaboration.
Level 4 BIM	Full BIM as before, but with the additional use of real time data.
LOD	Level of Detail
LOI	Level of Information
MEA	Model Element Author
MIDP	Master Information Delivery Plan
MVD	Model View Definition
NAS	Network Attached Storage
NBS	National Building Specification
NFC	Near Field Communication
ODBC	Open Database Connectivity
OIR	Organisation Information Requirements
OPEX	Operating Expenditure
PAS	Publicly Available Specification
PBS	Public Building Service
PDS	Product Data Sheet
PDT	Product Data Template
PEP	Project Execution Plan
PIM	Project Information Model
PIP	Project Information Model
PLM	Project Lifecycle Management
PLQs	Plain Language Questions
QA	Quality Assurance
QR	Quick Response Codes
RFID	Radio Frequency Identification
RIBA	Royal Institute of British Architects
ROI	Return on Investments
SMTP	Simple Mail Transfer Protocol
'Soft Landing'	Protocol for building handover that enables clients (building owners) to get the best performance from their building
STEP	Standard for Exchange of Product
TIDP	Task Information Delivery Plan
VDC	Virtual Design and Construction

VR	Virtual Reality
XML	Extensible Mark-up Language
WLC	Whole Life Costing

Useful Web Sites include...

BIM Academy	http://bimacademy.ac.uk
BIM Manager	http://www.bimmanager.com
BIM Technologies	http://www.bimtechnologies.co.uk/news
BSRIA	http://www.bsria.co.uk
BuildingSMART:	http://www.buildingsmart.org.uk
CIC Regional BIM Hubs	http://www.cic.org.uk/aBIMfocus
CITA BIM Group	http://www.linkedin.com/groups/CITA-BIM-Group-3238552/about
Constructing Excellence	http://www.constructingexcellence.org.uk
Construction Industry Council	http://www.cic.org.uk/home/index.shtml
Government BIM Task Group	http://www.bimtaskgroup.org
Graphisoft	http://www.graphisoft.com/openbim/bim
McGraw-Hill Construction	http://www.bim.construction.com/bdc/news_and_topics
nBS Resources	http://www.thenbs.com/topics/BIM/index.asp
SEC Group	http://www.secgroup.org.uk