



BIM Frequently Asked Questions

by CP Electronics

What is BIM?

Building Information Modelling (BIM) describes the process of designing a building collaboratively using one digital system of computer models rather than as separate sets of drawings. The model can be used by the project design team, construction team and passed to the building owner.

Why use BIM?

With effect from April 2016 and in line with Government Construction Strategy all centrally funded work undertaken by consulting designers and engineers must work within the BIM environment.

Who benefits from the use of BIM?

Consultants will create a building design utilising all components in digital forms. This will:

- Allow for greater accuracy in estimation
- Avoids design collisions, resulting in limited alterations and rework due to information loss
- Increase efficiency
- Optimise scheduling
- Identify conflicts and reduce risks
- Improve supplier collaboration and information sharing
- Create a smoother handover.

How will government construction strategy affect BIM?

The Government Construction Strategy of 2011 requires that government projects will require fully collaborative 3D BIM (with all project and asset information, documentation and data being electronic) as a minimum from April 2016. This refers to all centrally procured Government projects as outlined in the GCS including new build refurbishments.

Is BIM only required on projects over £50M?

No there is no minimum value for a government project - it will depend on the consultant. Part of the contractual requirements of the project will be to have all information supplied within the BIM environment and therefore digital data.

What format is CP Electronics offering?

After discussions with many of our consultant clients CP Electronics has adopted Autodesk REVIT as their chosen format.

Where are the BIM objects available from?

All CP Electronics BIM objects are available for download from our dedicated BIM section of our website **www.cpelectronics.co.uk/bim** and **bimstore.co.uk** where CP Electronics has a dedicated shelf.

What guarantee will BIM provide CP Electronics?

CP Electronics recognised the importance of BIM and the adoption of BIM working within their customer base. It was decided to execute the plan to develop all of CP Electronics products by 2016 where appropriate.

What level of investment has CP Electronics made for BIM?

BIM was adopted in 2014. We are able to create BIM objects for our own products in house, and we are able to upload REVIT files to our website and with our BIM library partner **bimstore**.

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