**BIM TERMS**

As UK, Germany, Singapore and Hong Kong Move towards BIM Requirement, we thought to pen down 15 terms in BIM you must know before you get Started....

1. **BIM Protocol:**  A legal agreement that keeps everything on a BIM project moving smoothly. It is the creation of an infrastructure whereby different parties appointed by an employer are encouraged to share digital information.
2. **Employers Information Requirements (EIR):** Tenders and Documents for Governance. Specifically:- Technical Requirements, Managerial Requirements and Commercial Requirements
3. **Master Information Delivery Plan (MIDP):** This includes deliverables like:

* Models, drawings or renderings
* Specifications
* Equipment
* Schedules

1. **BIM Execution Plan**
2. **Common Data Environment (CDE):** CDE is a digital collaborative area (whether it’s [on the cloud](http://www.caddigest.com/category/cloud/) or an on-premise server) where all project information is stored.
3. **Project Information Model:** It is a virtualization of the design for visualization and to perform engineering analysis to detail and optimize building systems
4. **Asset Information Model:** The AIM usually includes:

* Data defining the original design intent from the PIM or another pre-existing system.
* 3D models, including documents and metadata.
* Details about ownership, rights and restrictions, surveys and other information.

1. **LoD** (Level of Development/Definition)
2. **Dimensions**

* 4d: Time
* 5d: Cost
* 6d: Facilities Management

1. [**IFC**](http://www.buildingsmart-tech.org/specifications/ifc-overview) **(Industry Foundation Class):** Is an international standard developed and maintained by [building SMART](http://www.buildingsmart-tech.org/).
2. **COBie** (Construction into Operation of Building information exchange)
3. **PAS 1192:** is a Publicly Available Specification sponsored by the [Construction Industry Council](http://cic.org.uk/). Its main role is to serve as a framework supporting BIM objectives in the UK.
4. **NBIMS-US:** The [National BIM Standard-United States](https://www.nationalbimstandard.org/) is similar to the PAS 1192, save for a few key differences.
5. **Data Classification:** Data classifications add structure to data, making it so that the data can be organized, queried and reported on in a systematic manner.
6. **The Bew-Richards BIM Maturity Model:**  The maturity levels of BIM adoption. The four levels, conveniently numbered 0-3, each come with increasing requirements.