

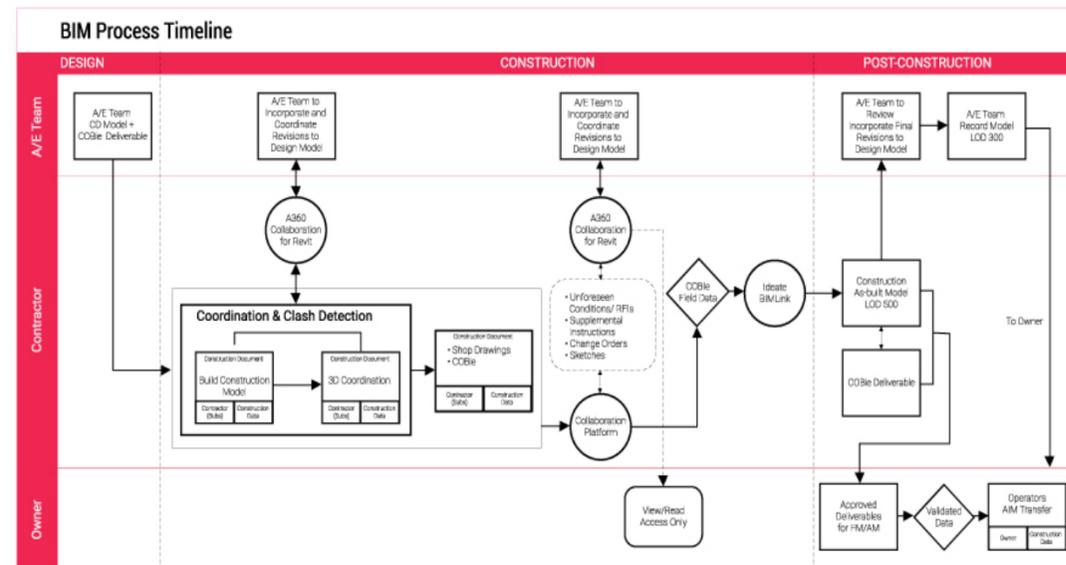


COBie

**Standard Information Exchange
System of BIM**

COBIE

Standard Information Exchange System of BIM



WHAT IS COBIE?

COBie or Construction Operations Building Information Exchange is a modern data format that is used to streamline the handover process to the operators or owners of a building. COBie was [initially developed in the US](#) under a grant by the National Aeronautics & Space Administration (NASA) and White House Office of Science & Technology Policy in 2005.

In the UK too, COBie became the part of the data requirements enlisted in the [BIM Working Party Strategy](#) published in 2011. Further, in January 2019, the UK National Annex in BS EN ISO 19650-2 made it COBie format structure mandatory non-geometric information exchange in open data format.

COBie is essentially an information exchange specification that can be viewed in the form of simple spreadsheets or within sophisticated design, construction and maintenance software. This versatility of the specification makes COBie ideal for all kinds of projects, irrespective of the size, scale and complexity.

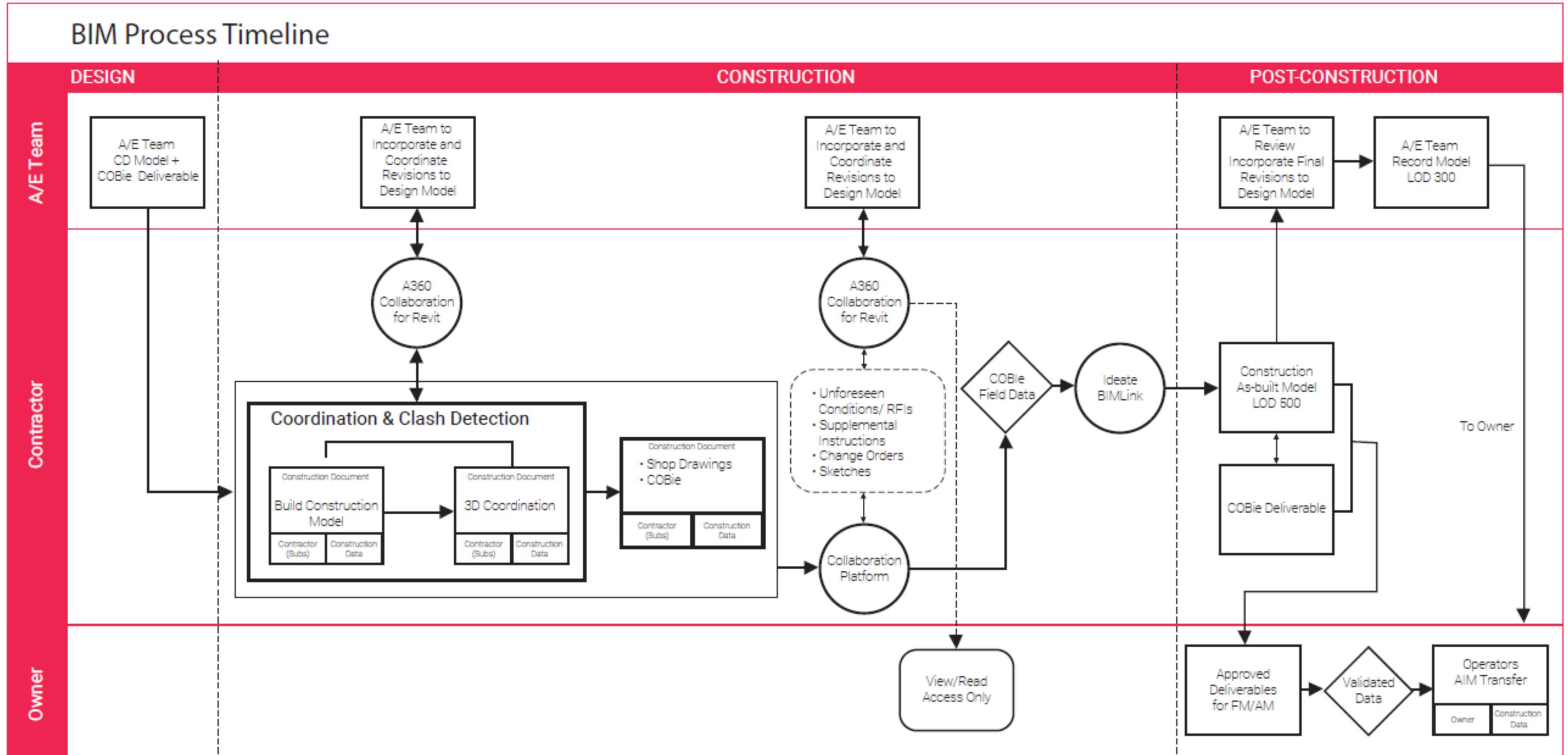
UNDERSTANDING COBIE

COBie is specific information set in the form of a simple spreadsheet that offers consistent and structured information about an asset that is useful in post-occupancy facility management and decision making.

With the help of COBie specification, all the key information that is essential post-completion of a project is added in a single format for sharing. This approach is completely different from the conventional one where different AEC professionals collaborate to document everything manually at various points during the construction.

Using the COBie specification, professionals can easily update all the documentation throughout the construction phase in real-time to be handed over to the client or facility operator. This makes the documentation easier to understand for the end client.

COBie can be termed as a performance-based specification that includes information about equipment as well as spaces. COBie makes it easier for teams to organize data about installed equipment within the space and provide a consolidated O&M manual. The data can be pushed into an asset management software directly without much effort.



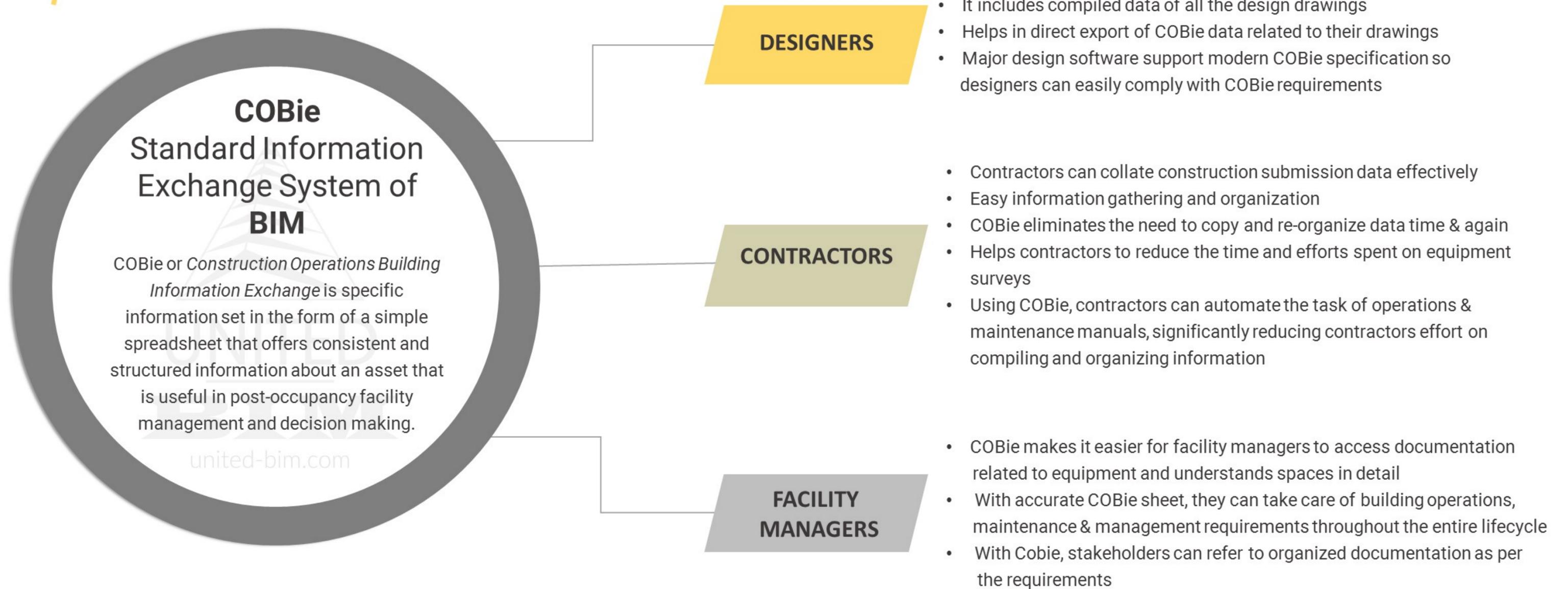
COBIE AS AN EFFICIENT INFORMATION EXCHANGE SYSTEM

With the help of COBie specification, all the key information that is essential post-completion of a project is added in a single format for sharing. This approach is completely different from the conventional one where different AEC professionals collaborate to document everything manually at various points during the construction.

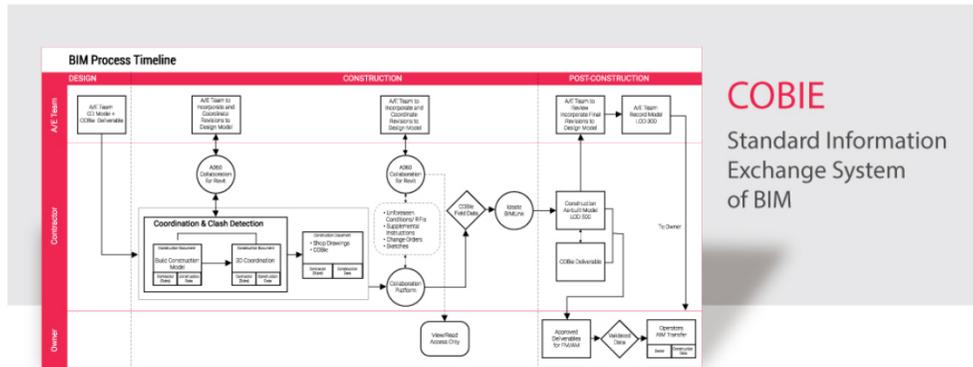
The interconnected nature of the entries inside a COBie spreadsheet or data makes information exchange process streamlined and more productive for all the stakeholders. The end-users i.e. facility managers don't have to fiddle with huge piles of manual sheets or unorganized data for accessing information at various points during the maintenance lifecycle of a facility.

COBie spreadsheet consists of information about a project's facilities, spaces, floors, systems, installed equipment and corresponding documentation along with detailed information about other aspects. All the entries inside a COBie sheet are hyperlinked to another entries to add value and make information access easier.

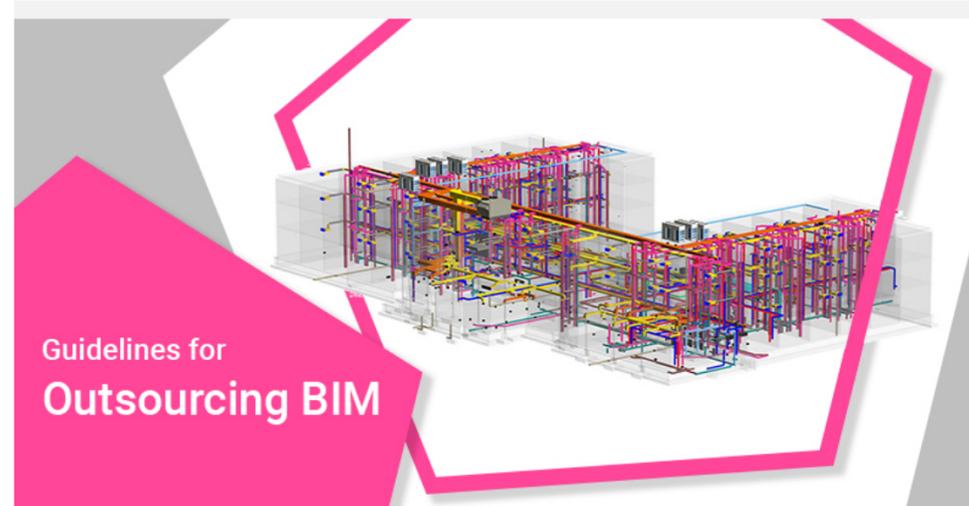
How **COBie** is Facilitating Data Collaboration between Designers, Contractors & Facility Managers?



FEATURED BLOGS

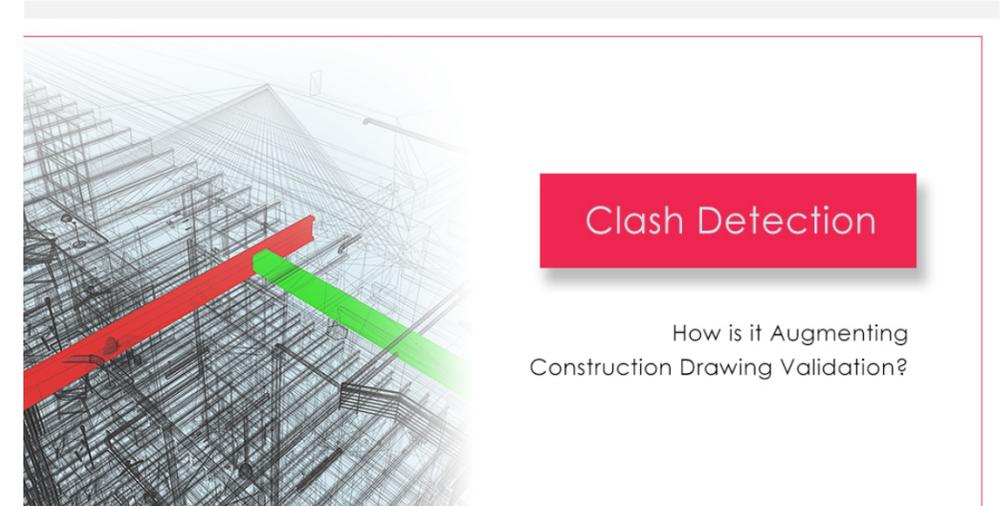


COBIE
Standard Information Exchange System of BIM



Guidelines for Outsourcing BIM

Key Takeaways for AEC Professionals



What is Clash Detection in BIM?

Process, Benefits and Future Scope in Modern Day AEC industry

REVIEW CHECKLIST FOR PERFECT DESIGN DRAWINGS

Review your design drawings to perfection with this easy to use drawing checklist, made for Architects and Engineers.

Download Now





 www.united-bim.com  info@united-bim.com

 +1 (954) 537-9137