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(Technical article)

## The progression of BIM

Building Information Modelling (BIM) has been an instrumental tool in revolutionizing the built environment industry, primarily due to its complex information management and the ability to provide a preempt perception of the setbacks that are likely to occur during product construction.

## ISO19650- the game changer

The '*BS EN ISO 19650*' is an international suite of standards for improving the information management of the building systems and its intricacies over the whole life cycle of the project. It outlines different milestones for a comprehensive approach to a new project, from making blueprints to submitting tenders and even repair and maintenance at completion. The legislation has been globally adopted as a necessary measure of improvement in construction industries largely due to its impeccable ability for collaboration, optimization, and configuring models .

## What does future hold?

The perception of the future buildings has vastly changed since the introduction of the Artificial Intelligence (AI) . Apart from the utilitarian assistance- from 3D printing and 3D volumetric construction- one prominent area where AI can fundamentally upgrade BIM industry is the facility management. AI is able to increase the efficiency and productivity of the BIM processes by predicting building performance, managing schedules and providing a refined analysis of the obtained data. Using 19650 standards, it can even ensure stakeholders, regardless of where they operate, that a consistent and collaborative information is shared around the clock. Thankfully, the future for BIM industry does seems riveting and no doubt it will evolve further due to technological advancements.