

Intelligent Workplace ManagementSM

AiM™ Building Information Modeling

Overview. Building Information Modeling (BIM) is fundamentally transforming the world of design and construction, leading to highly efficient, cost-effective and timely construction projects. Because BIM is a digital representation of a facility's physical and functional characteristics, estimators, fabricators, contractors and suppliers can share this digital information to eliminate waste and redundancy, control costs, and abbreviate construction timetables.

BIM for Building Owners. Once a building is completed, engineers traditionally hand over volumes of building information—manuals, blueprints and files—to building owners, so many in fact, that they often fill entire rooms. These documents generally include:

- Equipment lists
- Product data sheets
- Warranties
- Spare parts lists
- Preventive maintenance schedules
- Sundry facility information

This information is essential to support the operations and maintenance of facilities and infrastructure assets by the owner, facility manager or property manager. With more construction and design firms relying on BIM, building owners can now opt to receive this information in the Construction Operations



Building Information Exchange (COBie) digital format. Using COBie, building owners can quickly consume and utilize facility information.

The AiM BIM Module allows building owners to transfer asset information (COBie data) from designs, computer models and associated documents into AiM. In fact, AiM was declared fully COBie compliant in 2010 after passing the COBie2 Challenge conducted by the National Institute for Building Sciences (NIBS) and buildingSMART alliance. The challenge demonstrated AiM's ability process COBie2 data in mere minutes, as opposed to the hours, or even days, that the labor-intensive and error-prone process of manual entry would demand. With AiM, data accuracy is preserved and countless hours of productive time are saved.

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