



Future-Oriented Training and Consulting

BIM FOR FACILITY MANAGEMENT PROGRAM

BIM for Facility Management, Inspections & Safety Monitoring

Equipping teams to use BIM data to support inspections and safety oversight.

Proven FM Frameworks Structured frameworks for BIM-based facility management.	Executive Discussions Case studies, simulations, and executive discussions from real facilities.
FM Platform Exposure Hands-on exposure to BIM-based facility management platforms.	Practical Inspection Framework A framework for using BIM data to support inspections and safety oversight.

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Program Overview

This program explores how BIM extends beyond design into ongoing facility management, inspections, and safety monitoring.

Through case studies, executive discussions, simulations, and hands-on exposure to BIM-based facility management platforms, participants will develop a practical framework for using BIM data to support inspections and safety oversight.

Program Objectives

- **Understand BIM for Facility Management:** Grasp how BIM extends value into building operations.
- **Transition Models to Facility Management:** Prepare as-built models for ongoing operational use.
- **Apply BIM-Based FM Platforms:** Use platforms to connect models with operational data.
- **Support Inspections with BIM Data:** Use model data to plan and document inspections.
- **Strengthen Safety Monitoring:** Use BIM data to track and act on safety conditions.
- **Sustain BIM-Enabled Oversight:** Keep models and data current for ongoing oversight.

Target Audience

This program is designed for professionals using BIM for facility management and safety oversight, including:

- **Facility & Operations Managers** using BIM data to manage buildings.
- **BIM Managers & Coordinators** preparing models for operational handover.
- **Asset & Maintenance Managers** planning inspections from model and sensor data.
- **Health & Safety Officers** monitoring safety conditions using BIM data.
- **Owners & Asset Managers** overseeing long-term building performance.
- **IT & Digital Transformation Leaders** rolling out FM platforms across portfolios.
- **Consultants & Facility Advisors** guiding clients on BIM-enabled FM adoption.

Program Impact

Participants will leave this program with a practical inspection and safety monitoring framework. Graduates will return to their organizations ready to use BIM data to support inspections and safety oversight.

Program Outline

MODULE 1: Foundations of BIM for Facility Management

- How BIM extends value into facility operations
- Core concepts in BIM-based facility management
- Overview of leading BIM-based FM platforms
- The manager's role in operational BIM use
- Common pitfalls in FM-focused BIM adoption

MODULE 2: Transitioning Models to Facility Management

- Preparing as-built models for handover
- Structuring asset data for facility management
- Validating model accuracy against as-built conditions
- Hands-on exposure to handover and FM tools
- Connecting models to facility management systems

MODULE 3: Using BIM Data for Inspections

- Planning inspections using model data
- Documenting inspection findings against the model
- Hands-on exposure to inspection tracking tools
- Prioritizing follow-up actions from inspections

MODULE 4: Strengthening Safety Monitoring

- Tracking safety conditions using BIM data
- Identifying risks from model and sensor trends
- Prioritizing safety actions and interventions
- Using safety monitoring and reporting tools
- Building a data-driven safety monitoring framework

MODULE 5: Oversight and Ongoing Practice

- Using insight to improve inspection and safety outcomes
- Monitoring facility conditions continuously
- Updating models and data as the building evolves
- Sustaining BIM-enabled oversight beyond the program