



Duration: 2 Days

Prerequisites: Attendance of the BIM Level 2 Workshop.

Course Outline: Designed for delegates who have attended the BIM Workshop and will be fulfilling the role of PIM. The course will detail the role and responsibilities of the PIM in accordance with the CIC BIM protocol and CIC outline scope for Information Management. Worked examples of key tasks and examples will be performed through the 2 days.

Course Format: Hands on workshop highlighting the typical role for a PIM. Common scenarios faced in virtual construction projects, such as noncompliance and data delivery challenges will be reviewed. This will involve hands on in a live CDE with project deliverables.

Content

1. Overview

- a. Role of the Project Information Manager.
- b. Appointment of the Project Information Manager.
- c. Other roles and responsibilities impacting PIM.
- d. Key BIM L2 checklist of requirements prior to project commencement.

2. Common Data Environment

- a. Facilitating model federation and project outputs through collaborative working.
- b. Establish, maintaining and governance of a CDE for all stakeholders.
- c. Compliance validation for Standards Methods and Procedures (SMP).
- d. Accepting and Rejection of exchanges.
- e. Ensuring audit trails.

3. PIM Toolsets

- a. Validation toolkits – COBie and IFC.
- b. Project and reporting tools for:
 - i. Update and maintenance of MPDT.
 - ii. Alignment and verification of deliverables from the MIDP.
 - iii. Project dashboards and quality reports.

4. Communication and Meetings

- a. Initial BIM Kick off meeting and chairing.
- b. Initiation and implementation of Project Information Plan (PIP)
- c. Initiation and implementation of the Asset Information Plan.
- d. Verification of BEP and deliverables.
- e. Encouraging a collaborative working culture.
- f. Project Information Manage handover between designer and contractor.

5. BIM compliance

- a. Ensuring information model compliance to standards and Employers requirements for:
 - i. Security
 - ii. Quality and validation
 - iii. Data drop and extraction of information
 - iv. BIM Execution plan.

6. How to address compliance issues and short-falls.

7. Managing project change.

8. BIM protocol project compliance.

Please do not hesitate to contact us for registration and further information

e: sales@pentagonsolutions.com | t: +44 28 90455 355