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COURSE BROCHURE

BIM for Facility Management and Asset Handover Course

5 – 9 April 2027
Rome

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Registered in the United Kingdom and Saudi Arabia

BIM for Facility Management and Asset Handover Course

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BIM for Facility Management and Asset Handover is a 1-week training course for facility managers, asset owners, handover managers and maintenance planners, and it ends with an asset handover data plan for a building. Operators inherit buildings for decades yet still receive boxes of manuals instead of structured equipment data their maintenance systems can read. Jupiter Prime Training approaches BIM for Facility Management and Asset Handover from the operator's side of the handover table.

Why BIM for Facility Management and Asset Handover Matters Now

Three groups shape this subject today: owners who want planned maintenance running from occupation; contractors who assemble equipment registers at the busiest project stage; and maintenance teams who live with the result. A well-specified handover loads assets straight into the maintenance system; a poor one leaves engineers surveying plant rooms to rebuild registers. The course draws on ISO 19650, the international series for managing information across the asset life cycle, and on Construction Operations Building information exchange COBie, a structured spreadsheet schema for handover data.

Who Gains Most from BIM for Facility Management and Asset Handover

- Estates leads defining the operational data new buildings must carry
- Handover coordinators who collect, check and accept contractor equipment data
- Maintenance planners who build planned preventive maintenance schedules from asset registers
- Systems administrators who configure maintenance and space management platforms

An owner-operator such as a hospital or university estate gains most when its estates, maintenance and systems staff attend together.

BIM for Facility Management and Asset Handover Capabilities

Participants work from the operator's side of the data.

- Specify asset information requirements by system, asset type and maintenance need — estates leadership
- Design an equipment attribute schedule with tags, classification and warranty fields — handover coordinators
- Build a staged data drop plan with checks at each project milestone — contractors and client teams
- Test incoming handover data for completeness, naming and duplicates — acceptance decisions
- Apply mapping rules between model data and maintenance system fields — systems administrators
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Assess options for keeping the asset information model current after occupation — operations managers

Key BIM for Facility Management and Asset Handover Terms

- Asset Information Requirements AIR — the owner's statement of what data each asset must carry to support operation and maintenance.
- Asset Information Model AIM — the structured data, documents and geometry kept for a building in operation.
- COBie — a spreadsheet-based schema organising facility, floor, space, type, component and system data for handover to operators.
- Data Drop — a planned delivery of handover data at an agreed project stage, checked before the next stage begins.
- Equipment Register — the list of maintainable assets with identifiers, locations, types and responsibilities.
- Planned Preventive Maintenance PPM — scheduled tasks generated from asset data to prevent failures before they occur.

BIM for Facility Management and Asset Handover Day by Day

Day 1: The Operator's View of Handover

- Whole-Life Cost and Handover Failures — Seeing Why Data Quality Matters
- ISO 19650 Asset Information Flow — Linking Project Data to Operations
- Organisational Information Requirements — Starting From Maintenance Strategy
- Stakeholder Map for Handover — Clarifying Owner, Contractor and Operator Roles
- Maturity Check of Current Handover Practice — Locating the Biggest Gaps

Day 2: Defining Asset Information Requirements

- Asset Information Requirements by System — Choosing What Each Asset Must Carry
- Classification and Asset Tagging Rules — Making Every Item Findable
- Equipment Attribute Schedules — Listing Manufacturer, Warranty and Spare Parts Fields
- Space and Zone Data — Supporting Cleaning, Security and Space Planning
- Document Requirements for Manuals and Certificates — Linking Files to Assets

Day 3: Structured Data Drops

- COBie Sheet Structure — Organising Facility, Space, Type and Component Data
- Data Drop Schedule by Project Stage — Avoiding Last-Minute Data Collection
- Model-to-Spreadsheet Extraction — Generating Handover Data From Design Models
- Automated Validation Checks — Catching Missing Fields and Naming Errors
- Contractor Data Responsibilities — Writing Clear Duties Into Subcontracts

Day 4: Linking Models to Maintenance Systems

- Field Mapping to Maintenance Platforms — Loading Assets Without Rekeying
- Planned Preventive Maintenance Generation — Building Schedules From Asset Types
- Handover Acceptance Criteria — Deciding When Data Is Fit to Accept
- Aftercare Period Support — Helping Operators Through Early Occupation
- Operational Model Upkeep — Recording Changes After Refits and Replacements

Day 5: Practising the Asset Handover Data Plan

- Sample Building Requirements — Applying Asset Information Requirements to a Real Case
- Attribute and Tagging Schedule — Applying Classification Rules to Key Systems
- Data Drop Timeline — Applying Stage Checks to the Project Schedule
- Acceptance Checklist — Applying Validation and Mapping Rules
- Asset Handover Data Plan — Completing the Operator-Ready Work Product

Applying BIM for Facility Management and Asset Handover After the Course

- Run a validation check on the latest contractor equipment data and return missing or misnamed fields
- Agree a field mapping between handover spreadsheets and the maintenance platform, then test it by loading one plant room

BIM for Facility Management and Asset Handover Questions FAQ

What is BIM for Facility Management and Asset Handover and why does it matter now?

BIM for Facility Management and Asset Handover is the use of structured model data to hand buildings over ready to operate. It matters now because owners expect maintenance systems to run from day one, not after months of rekeying.

Which roles gain most from BIM for Facility Management and Asset Handover training?

Estates and facility leads, handover coordinators, maintenance planners and systems administrators gain most. They define, accept or use operational data in hospitals, universities, airports and commercial buildings.

How does BIM for Facility Management and Asset Handover differ from a BIM design coordination course?

It looks at models from the operator's side, focusing on equipment data, maintenance systems and acceptance rather than design geometry and clash resolution during construction.

What do you bring back from BIM for Facility Management and Asset Handover?

You bring back an asset handover data plan for a sample building, with requirements, tagging rules, a data drop timeline and an acceptance checklist.

BIM for Facility Management and Asset Handover: The Way Forward

The asset handover data plan first informs what operational data the next construction contract demands and when it must arrive. Estates leads specify it, contractors deliver against it and maintenance planners rely on it. After the first handover, revisit which attributes maintenance teams actually use and drop those nobody reads.