



# **Mastering Digital Asset Information Management (DAIM): An Advanced Training Course**



**AGILE LEADERS**  
Training Center



# **Mastering Digital Asset Information Management (DAIM): An Advanced Training Course**

## **Course Overview:**

This is course designed to provide professionals with cutting-edge knowledge and skills in managing digital assets using Building Information Modeling BIM. This advanced asset management training focuses on integrating BIM into asset management, maximizing the use of cloud-based BIM systems, and enhancing facility management systems integration. Participants will learn to capture and document asset information using photogrammetry and laser scanning, develop asset information delivery plans, and address FM data requirements for as-built BIM models. By the end of this course, attendees will have a comprehensive understanding of digital asset information management and be equipped to implement BIM-based asset management effectively.

## **Target Audience:**

- Facility Managers
- BIM Coordinators
- Asset Managers
- Maintenance Engineers
- IT Professionals in Asset Management
- Project Managers in Construction and Facilities Management This course addresses skills gaps in digital asset management and career milestones in implementing and optimizing BIM for asset management.

## **Targeted Organizational Departments:**

- Facility Management
- Asset Management
- IT and Data Management
- Project Management
- Maintenance and Operations These departments will benefit from enhanced asset information management and integration with facility management systems.

## Targeted Industries:

- Construction
- Real Estate
- Facilities Management
- Infrastructure Management
- Manufacturing These industries face challenges and regulatory requirements that make digital asset information management crucial for operational efficiency and compliance.

## Course Offerings:

By the end of this course, participants will be able to:

- Implement BIM-based asset management.
- Develop and execute asset information delivery plans.
- Utilize photogrammetry and laser scanning for asset documentation.
- Integrate traditional documentation with digital asset management.
- Optimize BIM models for facility management.

## Training Methodology:

This course employs a mix of case studies, group work, interactive sessions, and feedback loops to ensure practical understanding and application. Participants will engage in hands-on activities to develop and implement asset information delivery plans, capture asset data using photogrammetry and laser scanning, and integrate BIM models into facility management systems.

## Course Toolbox:

- Comprehensive workbooks
- Access to BIM software
- Photogrammetry and laser scanning tools
- Online resources for asset management
- Checklists and templates for BIM and FM integration

## Course Agenda:

### Day 1: Introduction to Digital Asset Information Management

- **Topic 1:** Introduction to Digital Asset Information Management
- **Topic 2:** Overview of BIM-based Asset Management
- **Topic 3:** Investigating Existing Asset Management Systems
- **Topic 4:** Identifying Asset Information Requirements
- **Topic 5:** Mapping Asset Information to Open Standards
- **Topic 6:** Developing an Asset Information Delivery Plan
- **Reflection & Review:** Reflection on the importance of asset information and initial steps in implementing BIM-based asset management

### Day 2: Capturing and Documenting Asset Information

- **Topic 1:** Reviewing and Evaluating Asset Information
- **Topic 2:** Capturing Information on Existing Assets Lacking Documentation
- **Topic 3:** Photogrammetry Techniques for Asset Documentation
- **Topic 4:** Laser Scanning for Asset Documentation
- **Topic 5:** Traditional Documentation as an Asset Information Source
- **Topic 6:** Adapting BIM Models for Asset Management
- **Reflection & Review:** Review of capturing techniques and integrating traditional and digital documentation methods

### Day 3: Advanced BIM Integration for Asset Management

- **Topic 1:** The Modelling Gaps between Architecture, Engineering, Construction, and Facilities Management
- **Topic 2:** Evolution of BIM from Design to Facilities Management
- **Topic 3:** Integration with Facility Management Systems
- **Topic 4:** Organisation of Information within BIM Models
- **Topic 5:** Information Transfer versus Integration
- **Topic 6:** Benefits of Cloud-based BIM and Facility Management Systems
- **Reflection & Review:** Discuss the evolution and integration of BIM with facility management systems

## Day 4: Optimizing Asset Management through BIM

- **Topic 1:** Space as the Basic Organiser of Facilities Data
- **Topic 2:** Assets as a Cornerstone of BIM and Facilities Maintenance
- **Topic 3:** FM Data Requirements for As-built BIM Models
- **Topic 4:** Issues Encountered with BIM Models Supplied for Conversion to BIM-FM
- **Topic 5:** Pre-flight Preparation of BIM for Better Data and Operational Use in the FM System
- **Topic 6:** Maximising BIM for Asset Management
- **Reflection & Review:** Review optimization techniques and address common issues in BIM-FM conversion

## Day 5: Practical Applications and Future Trends in DAIM

- **Topic 1:** Case Studies on Successful BIM-based Asset Management Implementations
- **Topic 2:** Hands-on Workshop: Developing an Asset Information Delivery Plan
- **Topic 3:** Interactive Session: Photogrammetry and Laser Scanning in Practice
- **Topic 4:** Panel Discussion: Future Trends in Digital Asset Information Management
- **Topic 5:** Group Work: Solving Common BIM Integration Challenges
- **Topic 6:** Feedback Session: Applying Course Learnings to Real-world Scenarios
- **Reflection & Review:** Reflect on the course learnings, practical applications, and future directions in digital asset information management

## How This Course is Different from Other DAIM Courses:

This course stands out by offering a deep dive into the practical application of BIM in asset management, with a strong focus on current industry challenges and technological advancements. Unlike other courses, it provides hands-on training in photogrammetry and laser scanning, integration with cloud-based systems, and detailed methodologies for developing and executing asset information delivery plans. Participants will leave with actionable skills and tools to implement BIM-based asset management effectively, ensuring their organizations can optimize asset lifecycles and improve operational efficiency.

# Training Course Categories



**Finance and  
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Courses**



**Agile PM and Project  
Management Training  
Courses**



**Certified Courses By  
International Bodies**



**Communication and  
Public Relations  
Training Courses**



**Data Analytics Training  
and Data Science  
Courses**



**Environment &  
Sustainability Training  
Courses**



**Governance, Risk and  
Compliance Training  
Courses**



**Human Resources  
Training and  
Development Courses**



**IT Security Training & IT  
Training Courses**



**Leadership and  
Management Training  
Courses**



**Legal Training,  
Procurement and  
Contracting Courses**



**Maintenance Training  
and Engineering  
Training Courses**



# Training Course Categories



**Marketing, Customer Relations, and Sales Courses**



**Occupational Health, Safety and Security Training Courses**



**Oil & Gas Training and Other Technical Courses**



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**Zanzibar - Tanzania**



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# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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