



## إتقان إدارة معلومات الأصول الرقمية: دورة تدريبية متقدمة



**AGILE LEADERS**  
Training Center

02 - 06 Feb 2027

روما

## إتقان إدارة معلومات الأصول الرقمية: دورة تدريبية متقدمة

المرجع: 36287\_21568 التاريخ: 02 - 06 Feb 2027 الموقع: روما الرسوم: Euro 5700

### 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

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

### Day 2: Capturing and Documenting Asset Information

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

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

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

## Day 4: Optimizing Asset Management through BIM

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

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

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

## 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.

## فئات الدورات التدريبية

|                                                    |                                                     |
|----------------------------------------------------|-----------------------------------------------------|
| الدورات التدريبية في مجال البيئة والاستدامة        | دورات إدارة الجودة وتطوير العمليات                  |
| دورات إدارة و تحليل البيانات ودورات علم البيانات   | دورات إدارة و تطوير الموارد البشرية                 |
| دورات الذهن السيرياني ودورات تقنية المعلومات       | دورات الاتصال الجماهيري و السياسات والعلاقات العامة |
| دورات التدريب القانوني والهشتريات والتعاقدات       | دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات |
| دورات الحوكمة وإدارة المخاطر والامتثال             | دورات السكرتارية و إدارة المكاتب                    |
| دورات الصحة والسلامة والذهن المهني                 | دورات الصيانة ودورات المجالات الهندسية المتنوعة     |
| دورات المحاسبة و التهويل و دورات الإدارة المالية   | دورات المهارات الشخصية وتطوير الذات                 |
| دورات في مجالات القيادة والإدارة                   | دورات معتمدة من قبل هيئات دولية                     |
| دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية |                                                     |



## مدن التدريب

|                                         |                                   |                                      |
|-----------------------------------------|-----------------------------------|--------------------------------------|
| أكرا<br>غانا                            | أثينا<br>اليونان                  | أبوظبي<br>الإمارات العربية المتحدة   |
| الجبيل<br>المملكة العربية السعودية      | استنبول<br>تركيا                  | أهستردام<br>هولندا                   |
| الرياض<br>المملكة العربية السعودية      | الدوحة<br>قطر                     | الدار البيضاء<br>المغرب              |
| المنامة<br>مملكة البحرين                | الكويت<br>الكويت                  | القاهرة<br>مصر                       |
| بالي<br>جمهورية إندونيسيا               | باكو<br>أذربيجان                  | باريس<br>فرنسا                       |
| برشلونة<br>إسبانيا                      | براغ<br>جمهورية التشيك            | بانكوك<br>تايلاند                    |
| بوكيت<br>تايلاند                        | بورتو<br>البرتغال                 | برلين<br>ألمانيا                     |
| جاكارتا<br>جمهورية إندونيسيا            | تورنتو<br>كندا                    | تبليسي<br>جورجيا                     |
| دبي<br>الإمارات العربية المتحدة         | جوهانسبرغ<br>جنوب أفريقيا         | جنيف<br>سويسرا                       |
| سان دييغو<br>الولايات المتحدة الأمريكية | زنجبار<br>تنزانيا                 | روما<br>إيطاليا                      |
| نصرم الشيخ<br>مصر                       | سيول<br>كوريا الجنوبية            | سنغافورة<br>سنغافورة                 |
| طشقند<br>أوزبكستان                      | طرابزون<br>تركيا                  | شيكاغو<br>الولايات المتحدة الأمريكية |
| عن بعد<br>منصة زووم                     | عمان<br>المملكة الأردنية الهاشمية | طوكيو<br>اليابان                     |

## مدن التدريب

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|-----------------------|--------------------|---------------------------------------|
| كوالالمبور<br>ماليزيا | فيينا<br>النمسا    | فرانكفورت<br>ألمانيا                  |
| لشبونة<br>البرتغال    | لأنكاوي<br>ماليزيا | كيب تاون<br>جنوب إفريقيا              |
| هديد<br>إسبانيا       | ماربيا<br>إسبانيا  | لندن<br>المملكة المتحدة               |
| ميلان<br>إيطاليا      | هونتر<br>سويسرا    | هسقط<br>سلطنة عمان                    |
| نيس<br>فرنسا          | نيروبي<br>كينيا    | هيونج<br>ألمانيا                      |
|                       |                    | نيويورك<br>الولايات المتحدة الأمريكية |