AI SYSTEM CARD

WiseBIM AI for Autodesk® Revit®

EU AI Act Transparency Documentation

1. System Identification

Product name	WiseBIM AI for Autodesk® Revit®
Version	v1.4.2
Release date	September 2026
Editor	WiseBIM SAS
Registered office	53B rue de la Roquette, 75011 Paris, France
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2. Purpose and Intended Use

WiseBIM AI for Autodesk® Revit® is an add-in for Autodesk® Revit® that uses artificial intelligence to automatically detect architectural elements from 2D plans imported into Revit and create the corresponding Revit elements in the project.

Detected elements:

- Walls (with automatic thickness classification)
- Windows and doors (openings)
- Slabs (floor and ceiling)
- Rooms / spaces

Accepted input formats: PDF, PNG, JPEG, TIFF, BMP, DWG, DXF

Intended users: building professionals (architects, structural engineers, BIM managers, construction companies).

The system is a professional assistance tool. All detection results are presented to the user for review, correction, and validation before being used in any project. No decision is made autonomously without human control.

3. EU AI Act Classification

Risk category	**Minimal / Limited risk**
Regulation applicable	EU AI Act — Regulation (EU) 2024/1689
In force since	August 2, 2026

Justification for minimal/limited risk classification:

- The system operates in a non-critical professional context (architectural modeling)
- The system does not process biometric data
- The system does not make automated decisions affecting natural persons
- The system does not fall within any high-risk category as defined in Annex III of the EU AI Act
- Full human control is maintained at all times — all outputs are subject to user review and validation
- Users are clearly informed they are interacting with an AI-powered tool (product name: WiseBIM AI)

Transparency obligations met:

- Clear identification of the system as AI-powered
- User documentation available at: https://wisebim.app/en/support/

4. Technical Description of the AI System

AI technology type	Deep learning, computer vision,
Model architecture	Object detection model
Origin of algorithms	French Alternative Energies and Atomic Energy Commission (CEA)
Training data type	2D architectural floor plans (PDF, raster images, CAD files)
Continuous learning	No — the model is not retrained on customer data in production
Output format	JSON detection result transmitted to Autodesk® Revit®

5. Data Processing

Input data	Architectural floor plans uploaded by the user (PDF, image, CAD)
Output data	Autodesk Revit elements
Customer data used for training	By default, customer data may be used to improve AI detection models. Customers may opt out by requesting a specific data protection amendment (Side Letter)
Data hosting	Scaleway infrastructure, France (EU)
Legal framework	GDPR-compliant — French and EU law
Data retention	Maximum 5 years — deletion on customer request
Third-party sharing	No sharing beyond core infrastructure providers (hosting, CRM, emailing)

6. Human Oversight and Control

WiseBIM AI for Autodesk® Revit® is designed as an assistance tool. Human oversight is guaranteed at every step. The system cannot take any action in the Revit project without explicit user validation.

7. Known Limitations

Users should be aware of the following limitations:

- Detection accuracy depends on the quality and clarity of the input plan
- The system is trained on architectural floor plans only — MEP, HVAC, and structural plans are not supported
- Walls are modeled as single-layer elements
- Manual correction of detection results may be required, particularly for complex or low-resolution plans
- A minimum image resolution is recommended for optimal results

8. Document Version History

Version	Date — Author — Changes
v1	September 3, 2026 — WiseBIM — Initial