

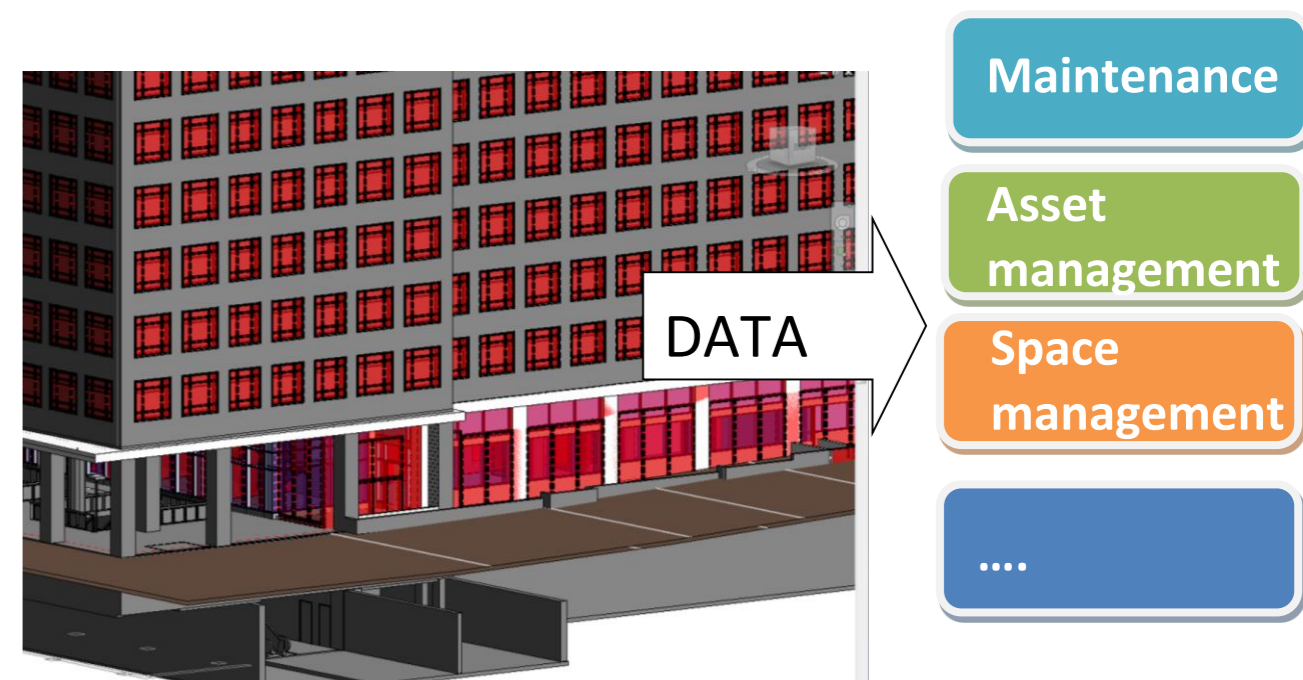
LOD requirements of facilities management tasks for as-built BIM deliverables

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Problem Statement

- Building information models generated for construction are not aligned for use in facilities management.
- Previous research studies showed that models should serve the customized needs of an FM task at hand.
- Information requirements of facilities management tasks are not well defined.

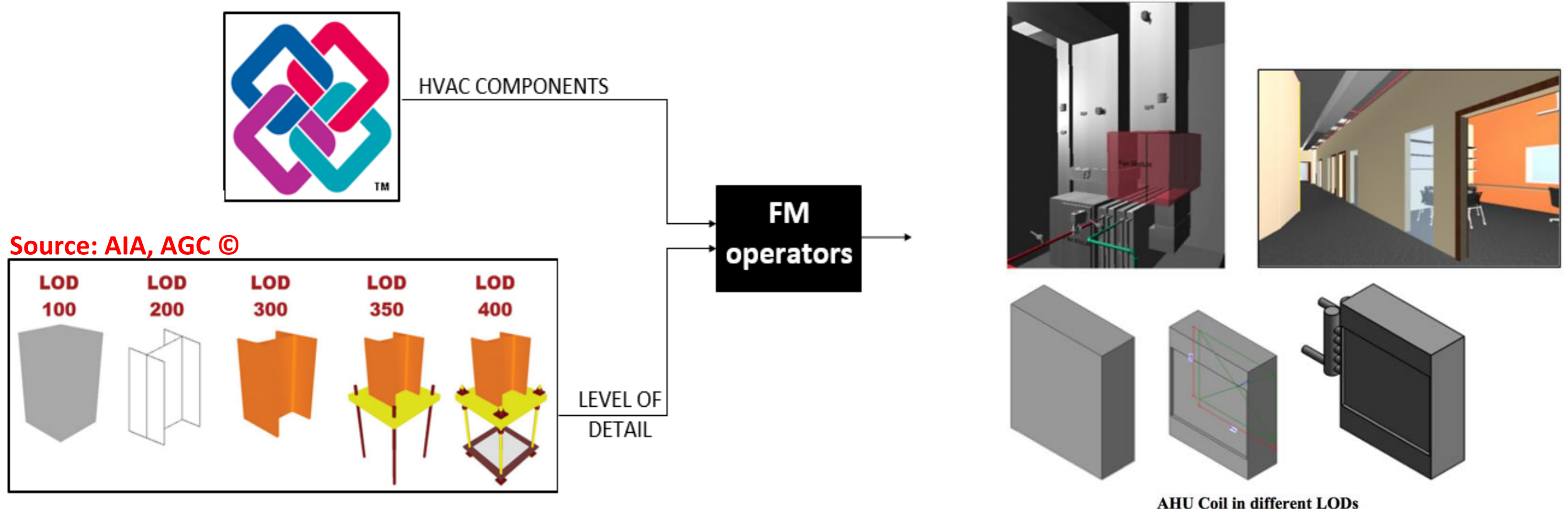


Objective & Research Method

The research method includes:

- a) Conducting requirements elicitation tasks with expert facility operators from different FM groups in New York to identify task specific requirements.
- b) The representation of the components and attributes for a given task in all the LOD levels and conducting user studies.

LOD requirements on models for HVAC maintenance purposes



Expected Contributions

- Identify the facilities managers' requirements on as-built BIM delivered by contractors, with a focus on the maintenance of HVAC systems.
- Report the findings of the requirements of FM operators and the level of detail of the information to be represented in BIM models.