

## Generic AEC/FM Building Information Model View Definition (MVD)

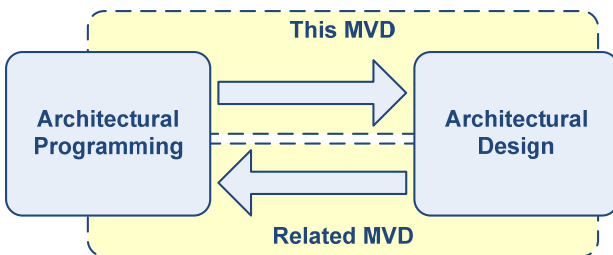
# Architectural Programming to Architectural Design

<b>Reference</b>	BSA-001	<b>Version</b>	0.1 -- 19-Jan-09	<b>Status</b>	Draft
<b>History</b>	• v0.1 (19-Jan-09) Initial sketch, based on HOK Aquarium				
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### Description

This view defines the subset of the data created in architectural programming software, which is useful in the context of architectural design software -- in order to relate program requirements to objects in a proposed design (primarily space objects). A related MVD will define the reverse flow of information -- from architectural design software back to architectural programming -- for the purpose of generating room data sheets. Room Data sheets define requirements for rooms in the proposed design that are not documented in drawings or reports produced by the architectural design application.

The relationship of these two MVDs to the architects early design process can be summarized as follows:



In scope for this MVD:

- Project identification
- Space/room identification
- Space/room occupant identification
- Space/room requirements - including
  - Locational requirements
  - Measurement requirements
  - Wall requirements
  - Door requirements
  - Window requirements
  - Cabinet/counter requirements
  - Plumbing fixture requirements
  - Lighting fixture requirements
  - Power port requirements
  - Gas port requirements
  - Data/Communication port requirements

Out of scope for this MVD:

- Geometry
- Detailed information about equipment & fixtures
- Client source information

This document uses the official IAI View Definition Format version 1.0.11.