

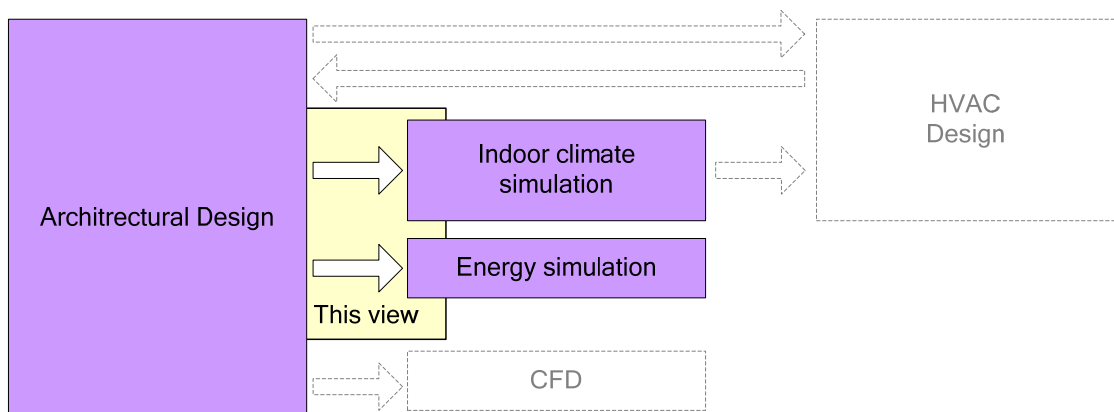
Generic AEC/FM View Description

Architectural design to thermal simulation

Reference	VBL-007	Version	1.0	Status	Draft
History	BLIS View : Arch. design >> Thermal load calculations / HVAC system design (IFC R2.0) SABLE High Level API : Thermal Analysis Document created 12.04.2007				
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Description

Architectural building information model can be used as starting data for indoor climate and energy simulation. Only the relevant subset of the architectural model is exchanged.



The central information in this view is

- the space geometry and identifiers
- space boundary geometry for walls, slabs, windows, doors, openings and also virtual space boundaries
- construction types for walls and slabs
- window and door types
- the materials and material layers of the walls and slabs

Out of scope are wall, slab, window, door and opening geometry.

The same view is used in all stages of the projects. This view covers only information created by the architect. This view only defines the information that is exchanged. How this information is used often has to be agreed upon on a national or even project level.

This document uses the official IFC Model View Definition Format version 1.1.0. of the IAI (www.iai-international.org)
The content of this document has to be certified by the IAI before becoming part of an official IFC Model View Definition.