

Generic AEC/FM BIM View Specification

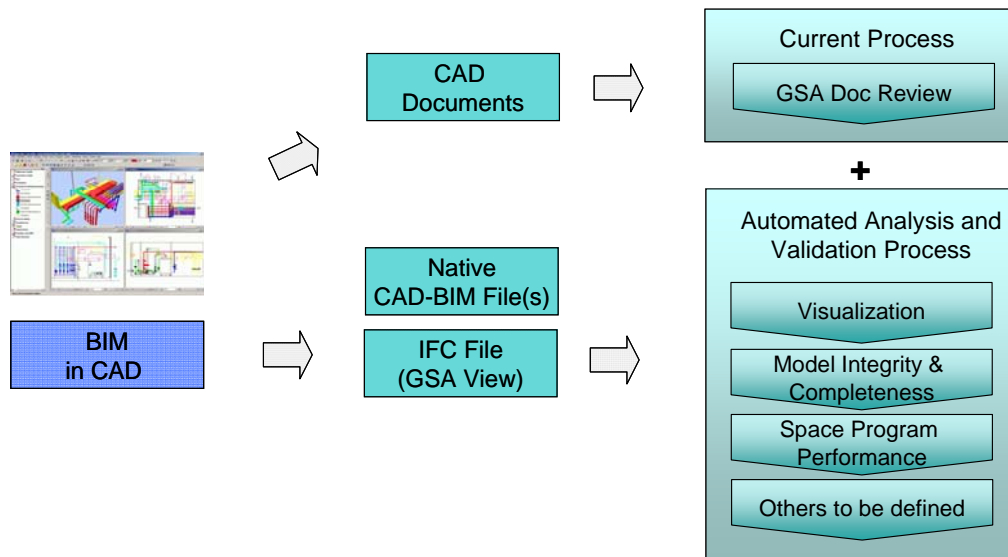
Architectural Design to Circulation/Security Analysis

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Description

Only part of information which is created by architects is needed for GSA's internal analyses of Conceptual Design Submissions. This Building Information Model (BIM) View Definition specifies the subset of the architect's BIM that must be submitted to GSA at Concept Design Submission milestones. This primary audience for this specification is software vendors creating BIM authoring applications that will be used to create such BIMs. Architects and Engineers (A-Es) creating such models are encouraged to review the GSA BIM Guide for end user instructions on how to create such models and what objects and information is expected.

BIM models conforming to this view will generally be created by design architects using architectural BIM authoring applications. Models will be submitted as .IFC model files structured according to the industry standard IFC 2x3 schema (see www.iai-international.org). These models will be uploaded to the GSA Project Information Portal at <http://BIM-Submission.GSA.gov>. GSA project managers will then load the models into various internal software applications to perform design analyses.



Version 1 of this BIM View is focused on human circulation and security devices associated with separating circulation zones in US Courthouses.

Our approach to specifying an IFC Model view has been pragmatic. Our intent was to extend the existing Coordination View defined by the Implementer Support Group (ISG) in IAI because this view has been implemented in the architectural design applications most commonly used in North America. Our extensions are specific to Space objects in the IFC BIM.