



United States General Services Administration
Public Buildings Service
Office of the Chief Architect
1800 F Street NW 3341, Washington DC 20405

3D
4D
5D
6D

BIM VDC IFC

GSA's National 3D-4D-BIM Program

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VISUALIZE – COORDINATE – OPTIMIZE
OBJECT INTELLIGENCE – INTEROPERABILITY
VIRTUAL DESIGN AND CONSTRUCTION

Strategic and Incremental Adoption of 3D-4D-BIM

In 2003, the Office of the Chief Architect (OCA) of the U.S. General Services Administration (GSA) Public Buildings Service (PBS) spearheaded the National 3D-4D-BIM Program. To date, OCA has led a pilot program with over 30 projects that incorporated a variety of 3D, 4D, and BIM technologies to address different programming, design, and construction challenges faced by GSA capital projects. In addition, OCA is assessing and supporting 3D, 4D, and BIM applications on over 40 ongoing GSA projects across different regions. For all major projects (prospectus-level) receiving design funding in Fiscal Year 2007 and beyond, a spatial program BIM will be the minimum requirement for submission to OCA for Final Concept approvals by PBS Commissioner and the Chief Architect. In addition, OCA is encouraging the implementation of various 3D, 4D, and BIM technologies above the minimum requirement on a project-by-project basis. GSA is committed to a strategic and incremental adoption of 3D-4D-BIM technologies.

Highlights of the 3D-4D-BIM Program Managed by GSA Office of the Chief Architect

- Establishing policy to incrementally adopt 3D, 4D, and BIM for all major projects
- Leading 3D-4D-BIM pilot applications and incentives for current and future capital projects
- Providing expert support and assessment for ongoing capital projects to incorporate 3D, 4D, and BIM technologies
- Assessing industry readiness and technology maturity
- Partnering with BIM vendors, professional associations, open standard organizations, and academic/research institutions
- Formulating a GSA BIM Toolkit to include:
 - GSA solicitation and contractual language for 3D-4D-BIM services (for internal use only)
 - GSA BIM Guide Series 01 through 07 covering Overview, Spatial Program Validation, 3D Laser Scanning, 4D Phasing, Energy Performance and Operations, Circulation Design Validation, and Building Elements
 - GSA BIM Case Study Series

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Visit <http://www.gsa.gov/bim> for a list of GSA BIM Champions across all regions, the latest versions of GSA BIM Guides, email sign-up list, and more!