



See it  
before you  
build it!

### Benefits

- Improves collaboration & communication
- Provides solid ROI
- Maximizes design stage deliverables
- Increases quality of project execution
- Reduces RFIs & change orders
- Improves trade coordination
- Minimizes risk
- Controls cost
- Enhances bid project visualization

## BIM & Rendering Services

It is undeniable; the pressure on architects, general contractors and subcontractors to provide BIM, renderings and 3D animations is accelerating. In addition, BIM is rapidly becoming a must-have in the bidding process.

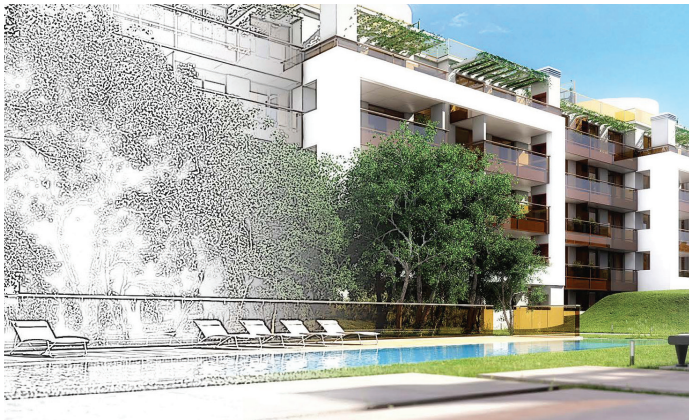
**Within 2 years, 50% of all AEC RFP's will require BIM.**

(source: McGraw-Hill 2015)

As a construction-focused information and document management company, ARC offers full-scale innovative BIM and rendering services. By leveraging ARC's BIM and rendering expertise, construction professionals can plan, design, build and manage their projects without internal BIM and rendering capabilities.

ARC helps construction professionals win more bids, be clash-free, and ultimately improve the quality of project execution.





## Quick Facts

### About the ARC BIM team

- 60 BIM production experts
- Autodesk® certified
- ISO 9001 certified
- PMI® certified practice
- Over 1,000 projects completed including USACE & GSA projects
- Over 340,000 hrs. of BIM consultancy and production
- Over 150 combined years of BIM experience

### Traditional BIM Services

- Model creation for all or single trades MEP/FP
- Clash detection and collision reports
- Trade coordination
- Discrepancy / RFI reports
- Data-rich Revit models
- RFP/Bid support

### Architectural Support Services - 2D & 3D

- Drafting, detailing & production support
- Existing model review
- Clash detection
- Renderings
- Revit standards & family creation
- Shop drawings

### Visualization

- Photo-realistic renderings & 3D animations
- Google Earth imaging
- Construction phasing & sequencing
- Fly-throughs

### 4D Scheduling

- Constructability model with project schedule
- Detailed logistics planning and phasing
- Visual scheduling
- Compare planned vs. actual schedules

### 3D Laser Scanning & Digital Layout

- As-built creation
- Structural, MEP, Topo
- 3D point cloud data
- Total station digital layout
- Point cloud to Revit

### Photogrammetry & Drones

- Video surveying
- Geo-mapping
- 3D models
- GPR
- Point cloud to Revit

### Other Deliverables

- CAD & Revit drafting support
- Coordination drawing creation
- Quantity take-off
- Capacity overflow
- Overall drawing & model review
- Record documents
- Content creation
- Invitation-to-bid facilitation
- Facility management model
- As-built modeling
- QTO reports
- Sleeve drawings
- Spool drawings

