



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.

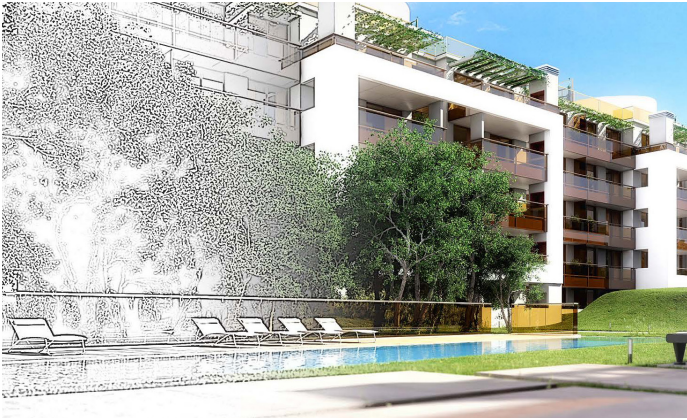
Within 2 years, 50% of all AEC RFP's will require BIM.

(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

About ARC Document Solutions

ARC Document Solutions (NYSE: ARC) is a global company specializing in document and information management technology and services for the architectural, engineering and construction industry. ARC's document solutions help customers reduce costs and increase efficiency on project sites, in the office and the archive.

For more information, please visit www.e-arc.com.