



BIM, CAD, Visualization and Laser Scanning Services

Gain insight and efficiency to drive more reliable outcomes



PART OF ARC'S
**DESIGN AND
CONSTRUCTION
PRODUCTIVITY SUITE**

ARC's **Productivity Suite** is designed to meet your needs from site-mapping to closeout. Everything you need and anywhere you need it, available through a single-source provider.



Scalable

Use these tools and services - standalone or combined - on one job or many - to multiply the impact on your projects.



Comprehensive

This single-source of resources seamlessly enhances your project workflows and fills the gaps.



Smarter

Improve performance at every stage of the project lifecycle with increased intelligence - driving smarter decisions.



AEC firms know the benefits gained from allocating time and resources to BIM and Visualization deliverables. Time and resources are the elements that are always in short supply that limit these productivity benefits.

Outsourcing your BIM and Visualization headaches to ARC gives you back the time you need to focus on the other critical aspects of your business.

Take on more projects without taking on more headcount when you partner with ARC's BIM Services Group. Our team of experts becomes your team of experts, saving you time and money so you can get the support you need for all of your CAD Drafting, 3D Modeling, Visualization, and 3D Laser Scanning needs.

Bring your detailed construction drawings to life

BIM teams are challenged to keep pace with Owner and Project Team demands to provide Visualization and BIM enabled design and construction deliverables.

Meet any project deliverable and schedule with BIM Services that will produce to your quality standards. Experience reliable outcomes and win more projects with CAD, BIM and Visualization services from ARC. Bring your design details to life with 3D, 4D and 5D along with our experts help to coordinate meetings.



Augment your team

Let our 80+ BIM experts be an extension of your team. We help you plan, design and build your BIM deliverables. You can scale up your BIM capacity on demand and just as easily scale down.

Resolve conflicts sooner

Correct design and constructability issues early on ensuring fewer RFIs and other potential issues that result in costly rework and delays.

Save time and money

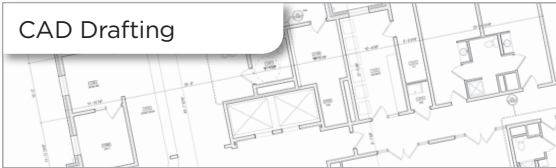
It has been estimated that each identified clash could save roughly \$20,000. On large projects, hundreds of clashes are not unusual.

Team with ARC on your next BIM project

ARC's BIM Services Group offers a complete solution enabling our team to handle everything from schematic design through to construction documents.

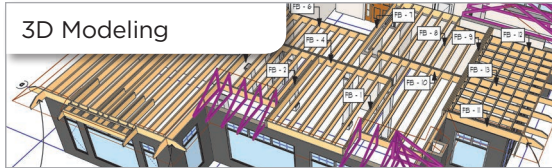
We can assist with overflow work on new projects or projects underway. The four main pillars of our services include:

CAD Drafting



- PDF to CAD conversion
- CAD to BIM conversion
- Production support
- Shop drawings
- Coordination drawing creation

3D Modeling



- Existing model review
- Clash detection
- MEP Modeling and MEP Coordination
- Shop drawings
- Revit standards & family creation

Visualization



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

3D Laser Scanning



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



The ARC BIM Team:

- ✓ 80+ BIM production experts
- ✓ Autodesk® certified
- ✓ ISO 9001 certified
- ✓ PMI® certified practice
- ✓ Over 1,000 projects completed including USACE & GSA projects
- ✓ Over 400,000 hours of BIM consultancy and production
- ✓ Over 150 combined years of BIM experience

All the resources you need in one place

ARC's Design and Construction Productivity Suite is built to meet your needs from site-mapping to closeout. Everything you need and anywhere you need it, available through a single-source provider.

The power of the Productivity Suite is realized when a combination of complementary tools and services help you aggregate project intelligence to track project progress, monitor job-site conditions and proactively detect design and constructability issues.

Exponential layers of value in the form of increased productivity, shareable project intelligence and reduced costs are realized as additional solutions are put into use.

