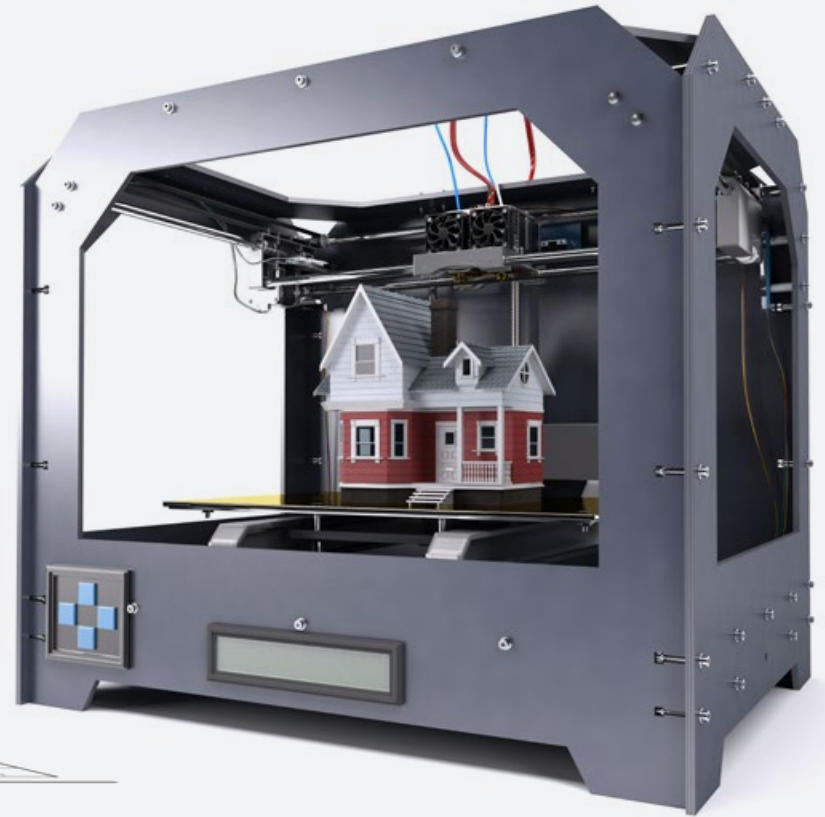




90%
of our demand
comes from the
AEC industry



3D printing made easy

Print 3D models using your 2D assets



3D printed models by ARC

It can be difficult for the average client to understand the feel and flow of a construction project from architectural plans and 2D renderings alone, but 3D printed models give that client the chance to interact with a physical representation of a structure that has not yet been built.

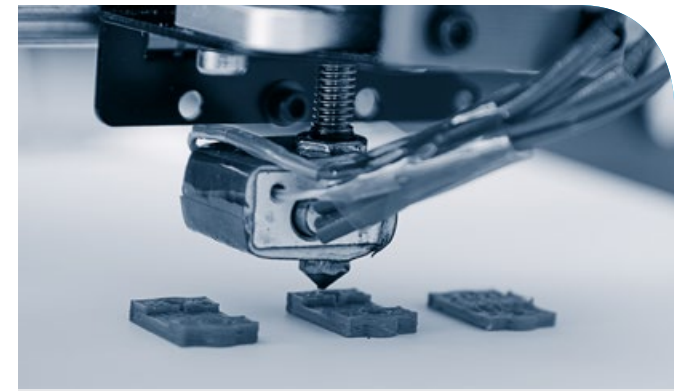
We create accurate, 3D printed architectural models for sales centers, proposals and project planning that increase the understanding between a business and a client. We have the ability to produce a scaled model from any standard architectural assets, including blueprints and 2D renderings.

How We Can Help

The challenge with 3D printing is that, in order to 3D print, you need a 3D file. Creating 3D files can be difficult and expensive, but ARC has the solution. We make 3D printing easy by streamlining the process from design to production.

ARC has the ability to create 3D files from 2D assets and repair your 3D files that need work before sending to the printer. Our service network and expert 3D consultants are here to help you turn your 2D idea into a 3D reality.

No 3D printer? No problem. In addition to in-house 3D printing service bureau capabilities, we work with 3D printing partners across the country to provide fast turnarounds and a myriad of 3D printing materials.



How it works

ARC can produce a scaled model from any standard architectural assets, including blueprints and 2D renderings



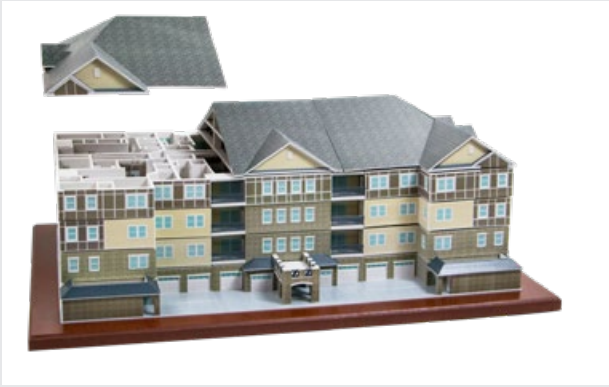
You upload reference images and form to the ARC portal



ARC analyzes project and shares analysis / estimate



Once you approve the project, 3D printing commences



Model homes



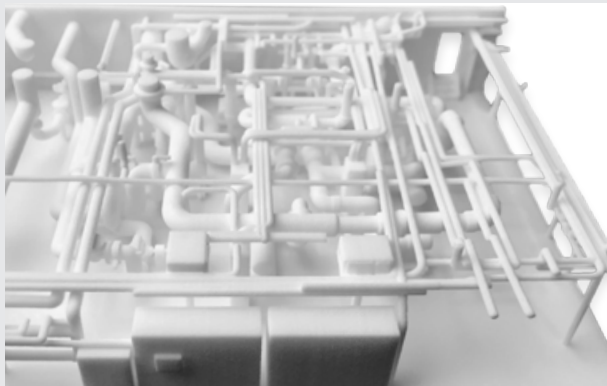
3D floorplans



Massing models



Scale models



Piping models



Architecture models



Construction models

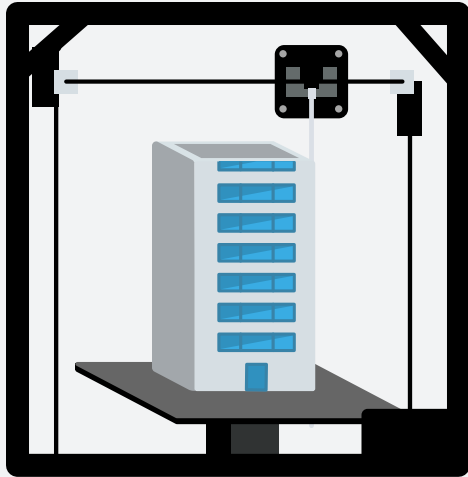


Stakeholder gifts



Interior models

Why use ARC for 3D printing?



- Specialty shipping
- Asset management
- File healing & design
- Faster turnaround times
- Industry expertise
- Project analysis & concepting
- Real-time engagement
- Project management

FAQ

Q: What types of files can you accept?

A: Any type of file. Revit files, CAD, .jpeg, .dwg, etc...

Q: What types of materials can you print in?

A: While there are a few common materials in architecture such as cjp, nylon, plastics, we offer hundreds of different materials including many plastics and metals.

Q: What types of items can you print?

A: Architectural models, interior spaces, prototypes, landscapes.

Q: How is a project quote generated?

A: Visit e-arc.com/architectural3dprinting and answer the questions. Your request will be processed and you will be sent an estimate for your project.

Q: What is the standard turnaround time?

A: If you provide a 3D print ready file that requires no repair, jobs can be completed in days. Other jobs are quoted on scope including design specs.

Q: Can I see a rendering before it goes to print?

A: Yes through our platform we offer digital proofs prior to printing, allowing for client feedback.

Q: How do I approve a design?

A: Our platform allows for digital proofs before 3D print production, enabling the end user to directly interface with their project designer.

Q: What if I already have a source for models?

A: The ZVerse offering is unique because it is a turnkey, total solution. As users of LAYR, ARC associates have access to tools for quoting and managing 3D printing projects. These tools allow for easy 3D file conversion, healing and creation. ZVerse also offers full 3D production capabilities with our service bureau.

Q: What is the quality of 3D printed models?

A: 3D print technology has undergone changes in the past few years. Our technology allows for extensive pre-print edits so customers drive accuracy. We also remain on the forefront of technology with extended capabilities in SLS, SLA, CJP and FDM print capabilities.

Q: Is it expensive?

A: In most cases, 3D printed models can be done at a lower price point with faster turnaround times. Our platform is designed to make this possible by making the pre and post production of a 3D job as efficient as possible.

Q: What about international shipping?

A: While we design and print most of our models in house, we offer the largest private label print network in the country. We have printers located in major markets across the country that allow expedited delivery of finished prints.

Q: What if I have a 3D printer?

A: Most 3D printers are underutilized. Headaches and problems abound with file creation, file healing, and print production. We offer a full range of materials across a wide array of 3D print methodologies suited for your particular need.

Q: Can you 3D print a Revit or CAD file?

A: Yes you can. Our solution allows direct conversion of files. While most files do require some file healing, it's not always necessary. Our fleet of architectural designers are ready to begin your project today.

To find out more about 3D printing call us today