

PROFESSIONAL BIM SERVICES

For nearly 20 years, building, design, and engineering teams have relied on U.S. CAD to deliver best-in-class software, training, production, and consulting services. Our team of industry and technical experts know exactly which BIM tools and technology are needed to help you achieve your business goals. When you partner with us, you'll have access to our team's combined 500+ years of building and design industry experience. Learn more about our industry-specific offerings below, and schedule a free Discovery Call with our team now.



In addition to our U.S.-based in-house production staff, we've partnered with Argentina-based AEC Resource to provide you with a global team of production professionals. AEC Resource's credentials include:

- Over 170 BIM experts, operating on East Coast time
- ISO 9001 certified
- PMI certified
- Autodesk Consulting System Integrator

FOR ARCHITECTS AND ENGINEERS

CONSULTING

- BIM implementation
- BIM training
- BIM technical support

CONTENT

- Template and content creation
- Project setup
- BIM project execution plans
- Custom tools development

VISUALIZATION

- Renders and animations
- Short movies, trailers, and presentations
- Virtual tours and VR content

PRODUCTION

- Modeling and drafting
- CD creation
- BIM modeling for preliminary energy efficiency analysis
- BIM modeling for lighting analysis
- Clash detection and constructability reports
- As-built modeling
- Existing facility documentation using 3D laser scanning or conventional survey methods
- BIM for facilities management

FOR GENERAL CONTRACTORS

CONSULTING

- BIM implementation
- BIM training
- BIM technical support

CONTENT

- Model creation (any trade)
- Project setup
- BIM project execution plans
- Custom tools development

VISUALIZATION

- Construction sequencing
- Pursuit modeling and bid support
- Short movies, trailers, and presentations
- Virtual tours and VR content

PRODUCTION

- Model maintenance and federation
- Clash detection
- Coordination
- As-built model updating
- Laser scanning and surveying
- Point cloud to Revit conversion
- 2D to 3D BIM conversion
- 4D scheduling
- 5D quantities and estimating
- Existing facility documentation using 3D laser scanning or conventional survey methods
- BIM for facilities management

FOR OWNERS

CONSULTING

- BIM planning
- BIM implementation
- Facilities management consulting

VISUALIZATION

- Renders and animations
- Short movies, trailers, and presentations
- Virtual tours and VR content

PRODUCTION

- Clash detection and coordination services
- As-built model updating
- Laser scanning and surveying
- Point cloud to Revit conversion
- Drone surveying and aerial photography
- Facilities management modeling
- Existing facility documentation using 3D laser scanning or conventional survey methods

FOR SUBCONTRACTORS

CONSULTING

- BIM implementation
- BIM training
- BIM technical support

CONTENT

- Model creation (any trade)
- Content creation
- Project setup
- Custom tools development

PRODUCTION

- Clash detection and coordination services
- Installation drawings
- Shop models and drawings
- Spool drawings
- Sleeve drawings
- Total Station digital layout
- As-built model updating
- Laser scanning and surveying
- Point cloud to Revit conversion
- 2D to 3D BIM conversion

Need a BIM service that is not listed here? Just ask us!

We have expertise in all Autodesk software, including Revit, Navisworks, 3ds Max, Civil 3D, InfraWorks, AutoCAD, and BIM 360. Schedule your free Discovery Call by contacting your U.S. CAD Account Manager or calling (877) 648-7223.



Learn how U.S. CAD can help you Win More, Produce More, and Achieve More!

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