VIRTUAL DESIGN CONSTRUCTION
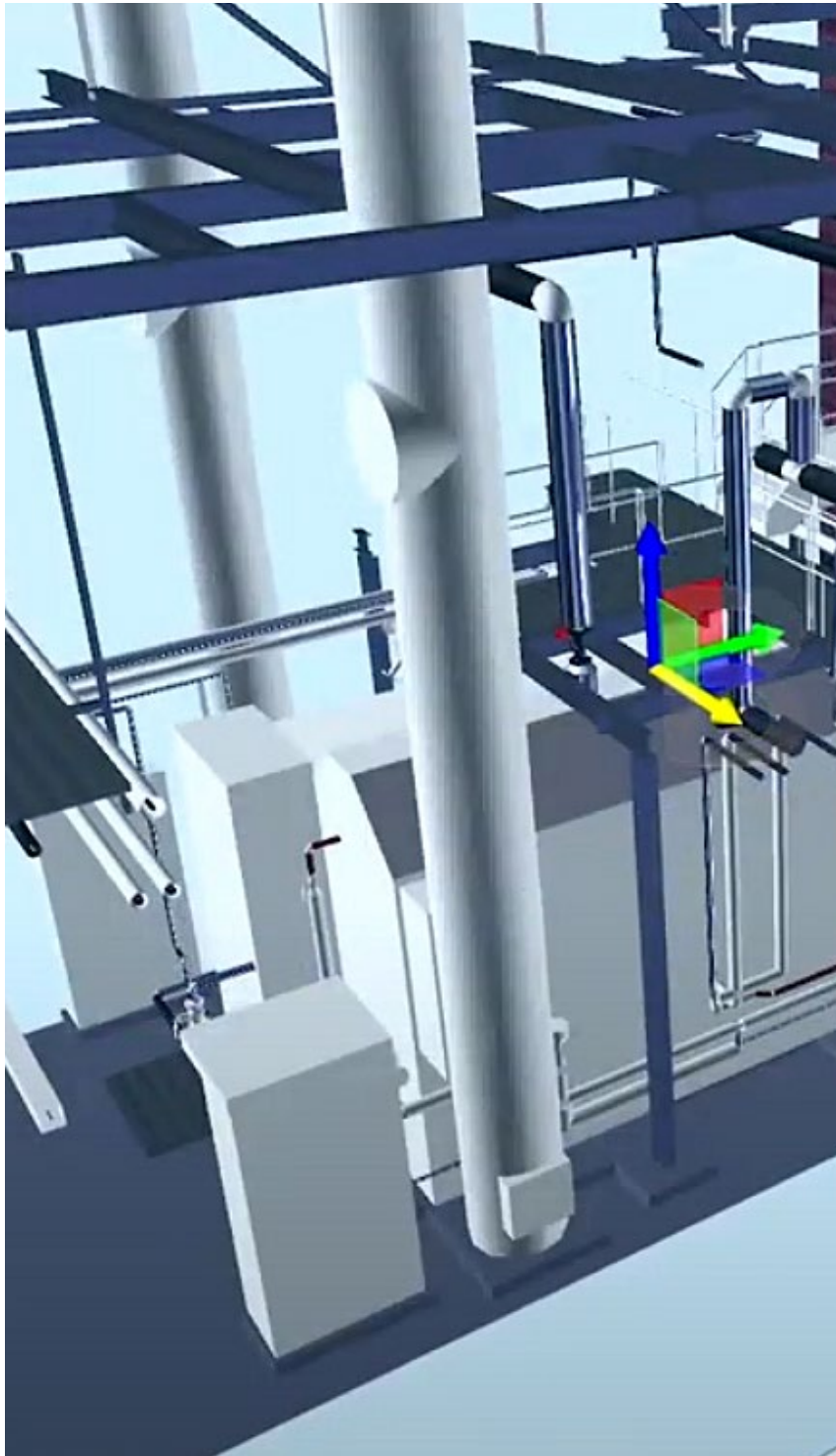
BUILDING INFORMATION MODELING (BIM)

SAM's Virtual Design Construction (VDC) services are used across a range of markets to improve design viability and reduce conflict in the field. Our software technology allows users to visualize assets with intelligent database attributes, keeping your program on schedule and on budget.

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By beginning with a precise data-based BIM model, clients improve prefabrication and upfront trade clash detection, reducing conflict and rework in the field. Precision is one reason clients turn to SAM, the industry leader in Managed Geospatial Services™.

Start with the best data
Reliable models begin with good data. SAM's complete range of 3D laser scanning and other LiDAR solutions allow us to gather data that meets your program's needs and budget. Cameras capturing spherical photography and video technologies can supplement your data with immersive context.

All BIM work is conducted in-house by SAM's experienced AutoCAD and Revit practitioners. While models can range from basic shapes with little detail to highly intricate designs, our VDC services apply the most accurate available information to support engineering, fabrication, and infrastructure documentation. We begin with a true representation of your site or space, providing a framework from which all parties can work.

Seamless workflows, easy access to data
Our easy-to-use deliverables are designed for seamless integration into your team's workflow. The SAM GeoPortal provides convenient access to your data and allows you to share it across teams—providing a single data source from which all engineering and infrastructure partners can work. We can also provide Clash Detection and BIM Management using Autodesk Navisworks program review software, to deliver reports and grouped clashes for BIM meetings.

Key Solutions for:
· Architects
· Engineers
· AEC Contractors
· Mechanical, Electrical, Plumbing (MEP) Contractors
· Relevant Subdisciplines

What differentiates SAM?

SAM has built a reputation as a trusted, knowledgeable, and innovative partner. SAM transforms petabytes of complex spatial data into intelligent insights in a holistic Managed Geospatial Services™ (MGS™) framework. As North America's premiere MGS™ company, SAM provides practical, precise, and high-fidelity solutions designed to enhance decision-making, mitigate risks, achieve strategic objectives, and drive costs out of our client's business. Our vision is to advance spatial data acquisition, improve analysis capabilities, and develop predictive analytics to redefine and transform how infrastructure assets are developed and managed throughout their lifecycles.

REACH OUT TODAY

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Want to experience the SAM difference for yourself?

Learn how we can put our resources to work for your next program. Call us toll free at **(800) 656-9525** or visit us at **sam.biz**