



BUILDING INFORMATION MODELING (BIM) //

SAM's Building Information Modeling services lay the foundation for reliable design and infrastructure work across a range of industries

Our advanced 3D imaging solutions and skilled staff help us create a model that achieves your preferred Level of Development (LOD). Whether you're looking for BIM support or an expert in collecting precise data to inform a detailed model, SAM delivers the detailed modeling experience and accuracy you need to design and build with confidence.

Our experienced building science professionals work with each client to identify program goals and ensure your model meets your needs. The SAM GeoPortal even provides a convenient, single point of access to your data, allowing you to share the data across the entire program team. SAM can also gather the precision data for your model. Our complete range of 3D laser scanning and LiDAR solutions can address virtually any project's needs and budget. In addition, our spherical cameras and video technologies can supplement your data with immersive context.

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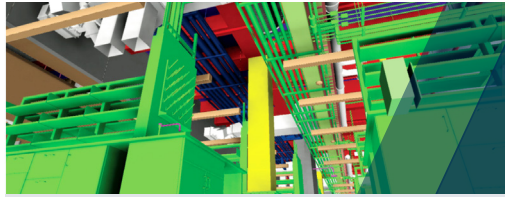
Scan to BIM

Create the most reliable foundation for your program when you integrate SAM's precise high-definition 3D laser scanning services into your BIM model. Our advanced technology solutions and skilled staff allow us to gather precisely the level of data you need. Whether you're looking to model

a space, assess the constructability of a design, validate compliance, or create reliable as-built documentation, SAM can help.

SAM's scanning solutions provide exceptionally accurate results from a distance. Clients leverage our Scan-to-BIM solutions in a host of situations: when they need to create a working model of difficult-to-access areas, limit impact on operations or tenants within existing facilities, or create trustworthy documentation from which multiple teams can work.

SAM's complete range of 3D laser scanning, and LiDAR solutions allow us to gather critical data required to meet the program's needs and budget. We use the state of the art laser scanning technology in combination with other tools to eliminate the need for multiple site visits. Spherical cameras and video technologies can supplement your data with immersive context.



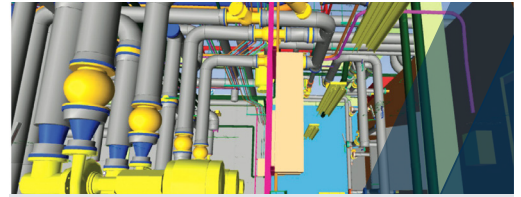
Virtual Design Construction

VDC software technology allows users to visualize assets with intelligent database attributes. SAM's VDC services are used across a range of markets to improve design viability and reduce conflict in the field. Our skilled staff applies advanced technology solutions to the process of simulating on-site conditions, keeping your program on schedule and on budget.

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™.

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. SAM utilizes special 360 Cameras and video technologies which provide valuable visual information on ongoing development.

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 building documentation. We begin with a true representation of your site or space, providing a framework from which all parties can work.



3D Services

SAM's 3D services help clients gain a more complete picture of their site or infrastructure. We are able to combine a multitude of information sources into a single workable format, helping speed design, reduce building risks and improve asset management.

We provide clients with the 3D services and data they need, and our knowledgeable staff can guide you to the right solution for your budget and schedule. With extensive experience in 3D documentation and our active interest in new technologies and processes, we can meet virtually any client requirement.

Our 3D services combine detailed point clouds gathered by our 3D laser scanning teams, 2D plans, 3D models, BIM models, visualizations, images, video, and other sources to generate high-quality 3-dimensional data.

Our deliverables are easy to use and integrate seamlessly into client workflows. Data can be delivered in a variety of formats including images, videos, digital files, point files and CAD files. We can develop models in a variety of file types that directly import into industry standard packages. Large datasets are broken down into usable pieces, and all data is archived to support more seamless service for future work.

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

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**