Everything 3D... That’s Sanborn!

No other company can match Sanborn’s full lineup of advanced indoor and outdoor 3D visualization and mapping solutions.

Whatever your project requires—from complete cities, to highly detailed building models, to cutting-edge indoor mapping—Sanborn’s powerful suite of 3D products and services is unrivaled!
Sanborn 3D Cities™

Sanborn 3D Cities products are an essential ingredient to virtual city implementations. Combining a strong visual appearance with a standards-compliant relational objects database, 3D Cities offers exceptional building and geospatial feature accuracy.

The product offers off-the-shelf metro areas comprising ortho imagery, buildings, elevation models and geospatial datasets covering the largest central business districts for more than 60 major cities in the Americas and Europe. Committed to the improvement of city visualization and analysis, additional cities will become available from around the globe.

Sanborn 3D Buildings

Sanborn offers a suite of 3D building products for 3D visualizations, GIS applications, architectural modeling, 3D graphic design and 3D simulators. Sanborn 3D Building products are accurate geo-registered (x,y,z) models provided in formats ready for most 3D application tools.

Sample 3D Premium Building Model

3D Premium Buildings are building models with true architectural geometry and photo-realistic texturing.

3D True-Architectural Buildings are geo-registered building models with true architectural geometry.

3D Standard Building Models are accurate geo-registered 3D “block-style” building models that provide users with block geometry and elevations. These building models are currently available through the Sanborn CitySets™ product line and can be produced for new areas.

3D Full Building Models—Sanborn can integrate high resolution orthoimagery, 3D premium buildings, 3D standard buildings and photo-realistic texturing for a fully functional 3D model in common formats that can be imported into a number of 3D visualization applications.
Sanborn 3D Interactive Stacking Plans

Sanborn 3D Interactive Stacking Plans are customized property information maps, quickly created from your floorplan pdf, property photos and tenant information. Sanborn delivers fully Interactive 3D Stacking Plans and building models on demand. The stacking plans are affordable, fast, cutting edge datasets through which users can explore buildings, floorplans and tenant maps from every angle.

Viewers can click on any space for detailed building, lease and other information. This turnkey service comes with easy to use web, mobile, and iPad viewers, and can be hosted as a link, sent to clients via email or seamlessly integrated into your site.

With easy-to-use web and mobile viewers, Sanborn adds a new dimension to how people view, manage and explore properties.

Sanborn Platform for Indoor Mapping

Designed exclusively for indoor mapping applications, the robotic Sanborn Platform for Indoor Mapping (SPIN) is a compact, easy-to-use, self-navigating system that generates preregistered spatial data in near real time.

SPIN delivers better than 3cm accuracy with a resolution as fine as 1cm as it records more than 200,000 measurements per second. With a 270-degree field of view, the LiDAR-based system generates unprecedented 3D detail while maintaining a Class 1 Eye Safety Rating.

SPIN overcomes the time- and resource-consuming constraints of static systems by traveling at speeds of up to 50cm per second. The platform generates 2D floor plans, enables 3-D modeling, and asset and inventory of unknown indoor environments without preplanned trajectory programming. It can avoid obstacles—including humans—in real time without intervention, and requires no targets within the scene.

Processing time for a 2D floor layout is approximately equivalent to scanning time, while 3D point cloud processing requires approximately 2.5 times scanning time. The output product is delivered in standard formats—LAS, ASCII and BIN.

The Sanborn Web-based 3D Stacking Plans Viewer’s suite of tools lets users rotate, zoom and adjust the opacity of the structure’s exterior walls, enabling easy visual analysis of every floor and space.
About Sanborn
Sanborn is a 21st century industry leader in geospatial solutions and technology, offering superior services, program management, and customer support. For our clients we provide a national presence, extensive resources, quick responses, and exceptional value. For over a century, we have been a leader in the rapidly growing geospatial industry, with successful projects delivered worldwide. For more information, visit us online at www.sanborn.com.