

3D MODELS

FBS combines its stereo models produced from imagery with digital elevation model (DEM) data, building feature extraction capabilities, and advanced image processing automation to create rapidly mass-produced high-resolution 3D models of man-made objects (buildings, bridges, water towers, etc.) and geographic features (hills, escarpments, etc.). The end results are affordable geospatially-accurate 3D models with photo-realistic facades.

FBS' 3D models are compatible with Google Earth, ESRI and other popular GIS, CAD and 3D rendering software applications.

Captured images include every commercial and residential building plus all other man-made objects larger than 50 square meters. Major architectural details of every building are visible including setbacks, plinths and rooftop objects greater than 2 cubic meters.



Features:

- Conforms to Collada specifications
- Height, length, width, distance and elevation measured for all buildings
- Building overlays with vector and raster data layers from third-party information systems
- 3D models can be bundled with orthorectified imagery
- Rapid turnaround, high volume generation capability

Imaging Earth is our expertise. A wholly-owned subsidiary of J. D. Barnes Limited, (founded in 1960), First Base Solutions, since 2000, has been providing geospatial products and services that include digital aerial image acquisition, orthophotography, and rapid production of cityscapes comprising tens of thousands of precision 3D models. We also develop web e-commerce mapping applications and offer Google Earth Enterprise as one of only three Google geospatial partners worldwide and the first outside the USA.



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43° 51' 33.27" North
79° 21' 52.70" West