

# HERE 3D Buildings

## Visual cues to help drivers and pedestrians navigate in cities

**HERE 3D Buildings** brings maps to life with accurate representations of real-world buildings that have multiple applications, including as vital cues to help drivers and pedestrians orient themselves in cities and better understand their surroundings. This richness of this content product is delivered by 3D visuals that provide vital context for turn-by-turn city navigation. HERE 3D Buildings helps drivers negotiate city roads with confidence and helps them make safer, split-second decisions in complex situations.



HERE 3D Buildings provides simple representations of buildings, without color or texture. Each building is depicted as a polygon with appropriate height and roof shape attributes for greater realism. HERE 3D Buildings provides an immersive driving experience with each building offering vital context for guidance and routing.

The product is delivered as HERE Map content. Beyond driver and pedestrian navigation, this content can be used for 5G mmWave network planning, to provide ground obstruction information for drones and unmanned aerial vehicles, for SimViz, augmented, virtual and mixed reality applications and for urban planning in the public sector.

## How does the service work?

HERE 3D Buildings uses high-precision geometry to create a representation of a building's position and shape. HERE 3D Buildings describes a building as a polygonal footprint with height information. The product is offered in multiple formats, including GDF, RDF, NAVSTREET and as File Geodatabase.

To create HERE 3D Buildings, data is sourced from multiple third-party vendors. HERE uses satellite and aerial imagery. A 3D modelling and rendering application is used to produce a layered combination of vector and bitmap graphics to depict stylized representations of buildings, all from a common perspective.



## Differentiators

### Global scope

significant coverage, with content offered in more than 100 countries across the world.

### Sub-meter precision

delivering highly accurate x/y positioning and sub-meter x/y/z geometry.

### Flexibility

HERE 3D Buildings can be licensed as a stand-alone product or as part of a suite of HERE Map content.

**HERE**, a location data and technology platform, moves people, businesses and cities forward by harnessing the power of location. By leveraging our open platform, we empower our customers to achieve better outcomes – from helping a city manage its infrastructure or a business optimize its assets to guiding drivers to their destination safely. To learn more about HERE, including our new generation of cloud-based location platform services, visit [360.here.com](https://360.here.com) and [www.here.com](https://www.here.com).

**Want to talk?** We do, too. [Get in touch here.](#)

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