



# HERE Offline Satellite Imagery

## Enriched mapping experiences with detailed aerial images

**HERE Offline Satellite Imagery** is a content product that provides high resolution, detailed aerial views of terrain across the globe (including Antarctica and Greenland). HERE Offline Satellite Imagery offers birds-eye view maps so that solutions provided by multiple enterprise customers can render maps in a more realistic and attractive way for enhanced visualization and orientation. Images are merged and corrected to provide resolutions down to 50cm for around 100M km<sup>2</sup> of the globe. For more than 500 global city areas, resolution is provided at 30cm. Imagery at this resolution covers approximately 1M km<sup>2</sup>.



HERE Offline Satellite Imagery has multiple applications. In the automotive, transport and logistics sectors, HERE Offline Satellite Imagery enhances routing and improves visualization. Its 3D terrain information provides realistic and attractive map rendering for richer experiences with a navigation solution.

HERE Offline Satellite Imagery can be used by public agencies for land analysis and allocation for sites such as military facilities, ports, airports or outdoor leisure. HERE Offline Satellite Imagery can also be used to provide simulations for virtual/augmented reality gaming. Additionally, it can be used to plan and maintain telecommunications and infrastructure networks.

# How does it work?

HERE Offline Satellite Imagery is created by combining satellite images of various resolutions sourced from reputable global suppliers. It's comprised of a global dataset of seven layers with resolutions of approximately 32km to 1km and a regional dataset of four layers with resolutions of approximately from 500m to 30m. The data is processed and enhanced to create largely cloud-free imagery, ensuring each tile is a mosaic of at least two different images with low cloud cover.

To reduce seasonal variation between tiles, image capture dates were used to keep differences small. Atmospheric compensation is applied to improve clarity and images are modified by applying a hill-shade algorithm. HERE Offline Satellite Imagery is part of the WGS84 system and is made available in the GeoTIFF format.

## Differentiators

### Broad coverage

Imagery is available for territories that lie between 72°N and 56°S.

### Fresh content

Based on up-to-date content from the most reputable industry suppliers

### Improved Resolution

Enriched view of the earth with between 30m to 32km per pixel

### Flexibility

Three-letter ISO country codes enable users to extract/suppress/remove data at country level

### Product alignment

Closely aligns with all HERE products for ease of implementation and integration

**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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