

IMAGERY BASEMAPS

Precision Mapping with Airbus Imagery Basemaps

**In today's digital landscape,
mapping has advanced far
beyond traditional cartography.**

Mapping companies now rely on accurate, up-to-date geospatial data to create reliable maps, support geospatial applications, and make informed decisions across various sectors. Airbus Imagery Basemaps provide the foundation for precision mapping, ensuring that all derived maps, applications, and analyses are accurate, reliable, and effective.



**Airbus Imagery Basemaps are curated
from the freshest satellite imagery,
ensuring that mapping projects use
the most current and accurate data.**

The Global Basemap offers a geolocation accuracy of 5m CE90, meaning 90% of image points align within 5 metres of their true location. For higher precision, the Tailored Basemap can provide customised imagery with an accuracy below 1m CE90, incorporating customer-supplied ground control points (GCPs) and digital elevation models (DEMs).

AIRBUS



A zoomed in 30cm resolution image of Riyadh, Saudi Arabia.



A 30cm resolution callout image of Riyadh, Saudi Arabia.

These Basemaps can be mosaicked and colour-balanced to reduce seasonal variations and haze, providing seamless integration across large regions.

Airbus' Global Basemap provides spatial resolutions of 30cm for cities and 50cm for urban areas, and delivers detailed views of both urban and rural environments. The Tailored Basemap allows users to customise freshness and resolution, ensuring fast-changing landscapes are captured accurately for specific project needs.

This precision is essential for powering geospatial applications like GPS navigation, where inaccurate data can lead to costly errors or delays.

Accurate Basemaps ensure that points of interest (POIs) are correctly placed, avoiding confusion, particularly in industries like real estate, transportation, and retail. Furthermore, accurate Basemaps help prevent conflicts in zoning and land use planning by ensuring property lines, utility networks, and infrastructure assets are correctly positioned.

Freshness is equally critical. As landscapes change due to urban growth, infrastructure development, or natural events, fresh imagery ensures that mapping companies reflect these changes in real time. Whether it's updating road networks, assessing new infrastructure, or responding to environmental crises, Airbus' high-resolution, fresh imagery supports the creation of accurate, up-to-date maps.

Learn more about Imagery Basemaps and how they can be adapted to suit your application.

