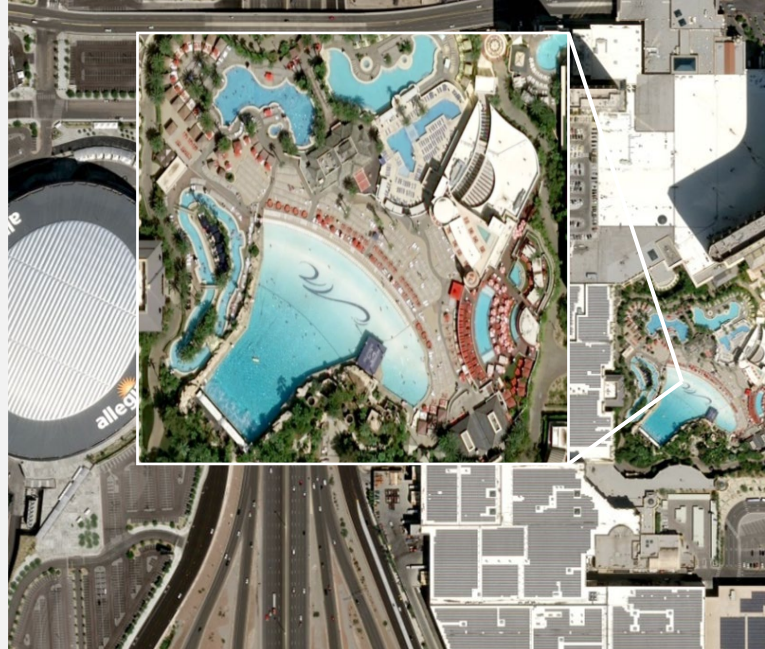# Imagery Basemaps

Airbus imagery basemaps are reference layers curated by Airbus experts to ensure highly accurate, color-balanced and nearly cloud-free coverage with minimized haze and seasonal differences between contiguous images.

They can be ordered globally or by a specific AOI, are available off-the-shelf or on-demand with fully customized parameters to meet specific project needs.

Basemap provides global coverage at 1.5m with regional and urban areas covered at 30cm and 50cm. This image shows 30cm resolution imagery over Las Vegas.

Global Basemap: When the stakes are high, start with the right foundation.

The Global Basemap provides complete and nearly cloud-free coverage with minimized haze and seasonal differences between contiguous images. Purchase the entire globe, just your area of interest, or request tailored basemap.

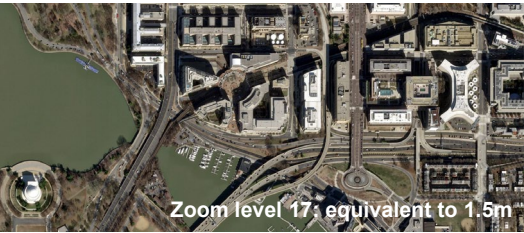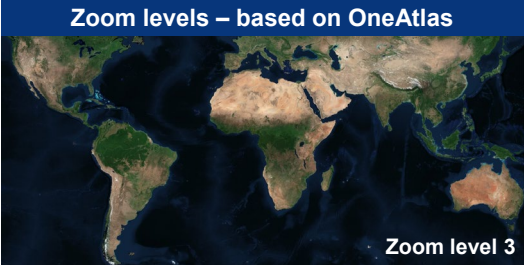|	Global Basemap	Tailored Basemaps
Availability	Off-the-shelf	On-demand
Coverage	Global or AOI-specific	AOI-specific
Resolution	30cm resolution: • Over highest populated cities (260,000 km^2) • All cities (small and large) are mosaicked (2.2M km^2) 50cm resolution: • Highest populated areas, Contiguous US, Europe, Asia (26.7M km^2) • United States + Western Europe are mosaicked 1.5m resolution: • Worldwide coverage over the Earth's landmass	Upon Request. HD15, 30cm, 50cm, 1.5m available
Min. Order	• Download / Digital Copy: 2,500 km^2 • Streaming: €5,000 subscription	30cm and 50cm: 100 km^2 SPOT: 1,000 km^2
Freshness	• 60% of data is <1 year old • 82% of data is <2 years old	Upon Request
Max Cloud Cover	<5% globally, limited to 2% in major urban areas	Upon Request
Max Incidence Angle	30cm: <20° / 50cm: 25° / 1.5m <30°	Upon Request
Geometric processing	Ortho	Ortho
Radiometric processing	Dehazed (enhanced images with haze & cloud veil reduction, adjusted luminosity, contrast and improving the overall color consistency)	Upon Request
Spectral Band Combination	Pansharpened 3 bands (R, G, B)	Upon Request
Mosaicking	Depends on location	Upon Request
Accuracy	≤5m CE90	Upon Request
Delivery Mode	Digital Copy or Streaming	Digital Copy or streaming

	Digital Copy	Streaming
Delivery Options	• Projections: Geographic (WGS 84 or Web Mercator) •Format: Cloud Optimized GeoTIFF (COG)	• WMTS API
Access	Access via download or physical delivery	Access via the OneAtlas Interface, or streaming endpoint / API

Streaming Options

Based on consumption	Unlimited
• 1 year subscription • Unlimited users • Based on number of tiles consumed • Starts at 320k tiles per month	• 1 year subscription • Unlimited users • Capped at 100M tiles / month

- 1 tile = WMTS 256 x 256 pixels
- Paid consumption starts at zoom level 12
- Streaming product is updated once a semester, new imagery will automatically be integrated

Zoom levels & details

Zoom level 3857	Resolution
03	19,567.9m
04	9,783.9m
05	4,892m
06	2,446m
07	1,223m
08	611.5m
09	305.7m
10	152.9m
11	76.4m
12	38.2m
13	19.1m
14	9.5m
15	4.8m
16	2.4m
17	1.2m
18	0.6m
19	0.3m
20	0.15m
21	N/A

Zoom levels – based on OneAtlas

Zoom level 3

Zoom level 12: paid consumption starts

Zoom level 17: equivalent to 1.5m

Zoom level 19 : equivalent to 30cm

1.5m and 30cm imagery from Basemap over Monaco, France

Additional Resources
Developer Portal

Imagery Basemaps can easily be streamed into any GIS workflow. Basemap API tutorials, metadata layer (WFS) and more information are available on our developer portal

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