

IMAGERY BASEMAPS

Optimising Utilities and Infrastructure

with High-Resolution Basemaps



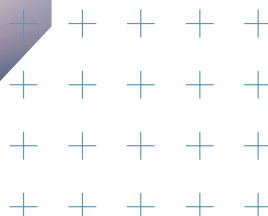
Infrastructure planning and maintenance require precise geographic data to ensure optimal asset placement and efficient resource management.

Airbus' Imagery Basemaps provide utility companies and infrastructure planners with high-resolution, up-to-date imagery, guiding the planning and execution of critical projects.



Utilities and infrastructure projects rely on accurate geospatial information for everything from initial planning to ongoing maintenance and optimization.

Airbus' Global Basemap offers spatial resolutions of 30cm for cities and 50cm for urban areas, making them suitable for both densely populated and rural regions. This data enables the precise placement of key infrastructure like pipelines, power lines, and telecommunications networks.



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A 30cm resolution image of an oil facility in Norfolk, Virginia.

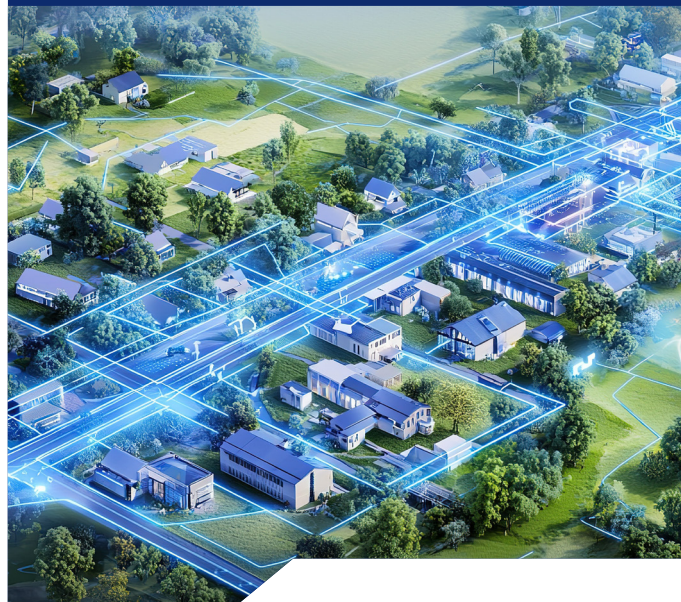


A 30cm resolution image of a power plant in New York City.

Freshness is crucial for these projects, as changing landscapes, urban growth, and new infrastructure developments need to be considered. Airbus updates its Global Basemap twice a year, ensuring that utility companies have the latest data to avoid conflicts with existing systems and minimise service disruptions.

The Tailored Basemap option provides additional customisation, allowing planners to specify geographic areas, resolutions, and geolocation accuracy suited to their projects. This flexibility is especially valuable in areas with complex terrain, such as mountainous regions where precision is critical for infrastructure like power lines and pipelines.

By delivering precise and current data, Airbus Basemaps help utilities avoid costly mistakes, like placing infrastructure in environmentally sensitive areas or failing to plan for future urban expansion.



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



Airbus Defence and Space

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