

DEFENCE AND SPACE
Space Systems

Reaching for the Stars

is Our Daily Business



AIRBUS

REACHING FOR THE STARS IS OUR DAILY BUSINESS

Whether we're peering into the infinite beyond or looking back at Planet Earth, mapping every star in our galaxy or counting trees in Amazonia, we've been helping to answer the big questions for over 50 years.

Our space technology has had an exponential impact on our daily lives, from the way we conserve to how we connect. It's no wonder the World's most inquiring minds have us on speed dial.

From the smallest electronic parts to the full in-orbit delivery of satellites, from very-high-resolution Earth observation instruments to unprecedented deep-space exploration missions, from today's most reliable telecommunication satellites to unfailing International Space Station operations.

With cutting-edge capabilities and decades of experience, Airbus has all that it takes to design, develop and operate major space systems. Around the Globe, commercial and institutional customers alike rely on our leading-edge technology.

In short: We deliver the best value in Space.

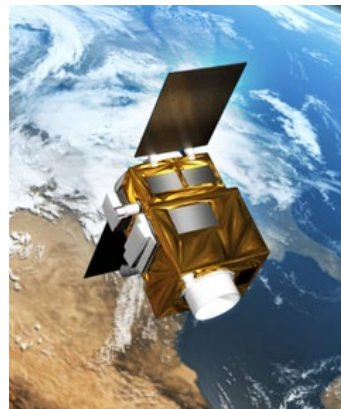
Your partner
along the complete
Space value chain



SPACE EQUIPMENT

Our strong commitment to R&D and our reputation for maximum reliability has made us the go-to supplier and today, the fact is:

There's hardly anything in Orbit that doesn't contain at least one component made by us.



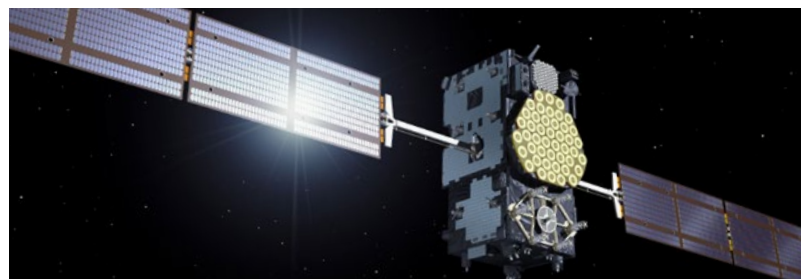
EARTH OBSERVATION SATELLITES

For a weather-independent data source, high-frequency revisits, very-high-resolution imagery or even all of the above (and more) in a single system – we can provide the right Earth observation satellite for every customer. Beyond these satellites, there is an unrivalled selection of add-ons to pick-and-choose from for an individual capability building programme.



GROUND SEGMENTS & OPERATIONS

Airbus provides the full range of ground segment services, including set-up and installation, training, maintenance and consulting or even the complete operations of a satellite.



NAVIGATION SOLUTIONS

Our exceptional engineering and specialist skills in all aspects of satellite navigation and related applications have made us a leader in system, space and ground infrastructure as well as operations and services.

We offer highly innovative and competitive navigation products which meet the requirements of institutional and commercial customers around the Globe.



SPACE EXPLORATION & SCIENCE

For decades, Airbus Defence and Space has been at the very heart of Space exploration, allowing scientists to learn more about the Universe we live in. From missions like the comet-chaser Rosetta, to the fundamental physics demonstrator of LISA Pathfinder we continuously push the limits of science and Space exploration – always striving to make the impossible possible.



HUMAN SPACEFLIGHT

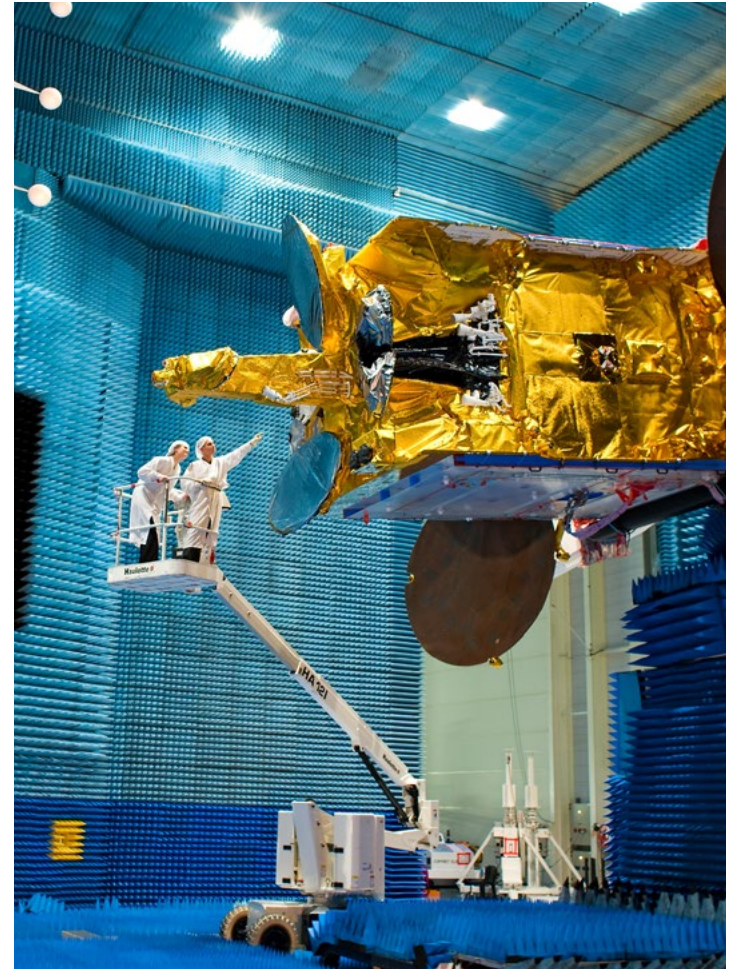
We are a global competence centre for all human spaceflight related activities, microgravity facilities and robotic space applications.

The exceptional success of our Automated Transfer Vehicles (ATV) for the ISS have qualified us to become the first non-US company supplying a mission-critical element for a NASA human spaceflight mission: the Orion ESM.



LAUNCHERS

In its first four variants, our Ariane put half of the World's commercial satellites into orbit. Ariane 5 has achieved over 70 consecutive successful launches – a record by a considerable margin. In the joint venture Ariane Group, all the expertise and assets of two industry leaders in the fields of civil and military launch vehicles are bundled: An optimized production of the new Ariane 6 will secure Europe's long-term access to Space.



TELECOMMUNICATIONS SATELLITES

As the World's #1 for telecommunication satellites, we provide our customers with a maximum of flexibility and reliability. We are continuously at the forefront of technological advancements such as electric propulsion or fully flexible payloads. All seven of World's largest telecommunication satellite operators have put their trust in us, making us the global market leader (2016).



SERVICES

Airbus completes the Space value chain with a unique service segment: Using satellites built by us, our Communication, Intelligence and Security (CIS) business line is a one-stop-shop for communications systems, satellite imagery and derived geo-information including data management solutions, as well as intelligence and security solutions.

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More information on www.airbus.com

