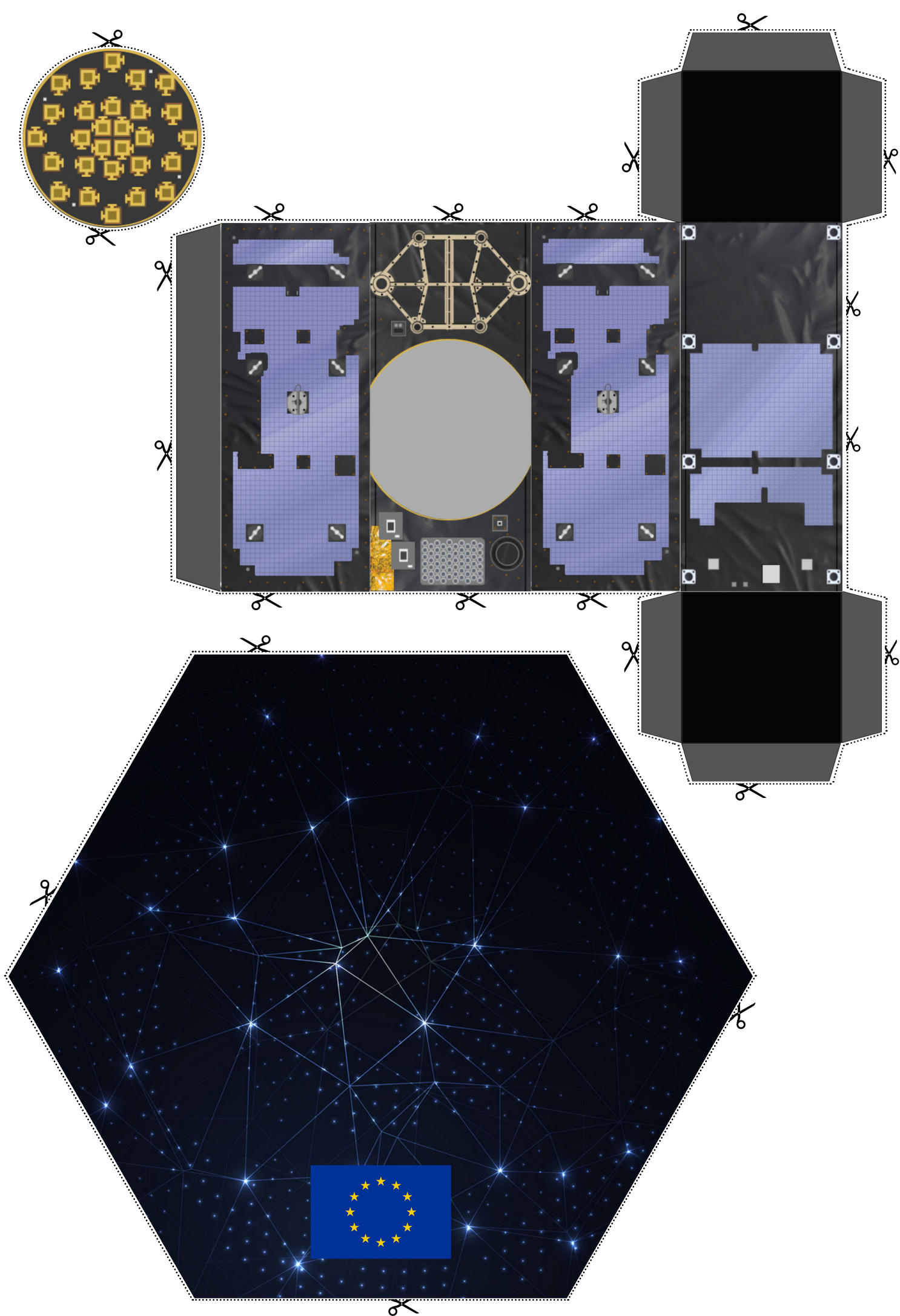
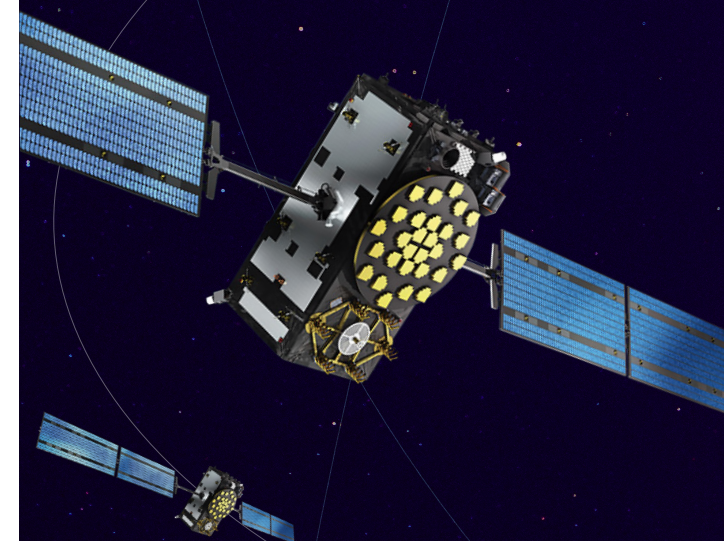




Build your own Galileo satellite

Galileo is the European Union's independent global satellite navigation system. It adds extra accuracy and reliability to everything from finding your way on your smartphone to safely guiding cars, trains, and boats. It also helps to save people in distress faster at sea, in the mountains or on the road. EUSPA is responsible for the service provision and the security of the Galileo system.



www.euspa.europa.eu

 [euspa.bsky.social](https://twitter.com/euspa.bsky.social)

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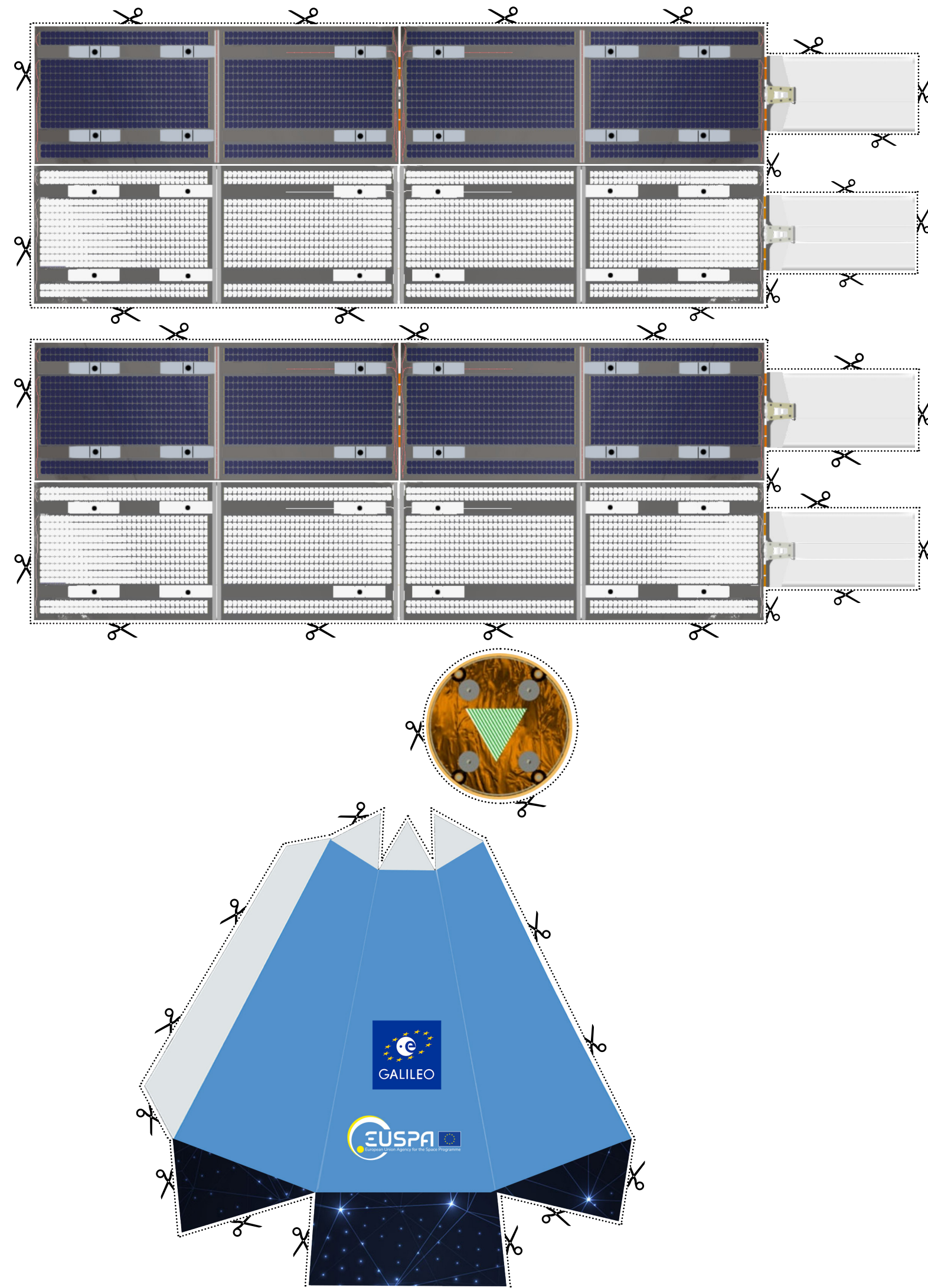
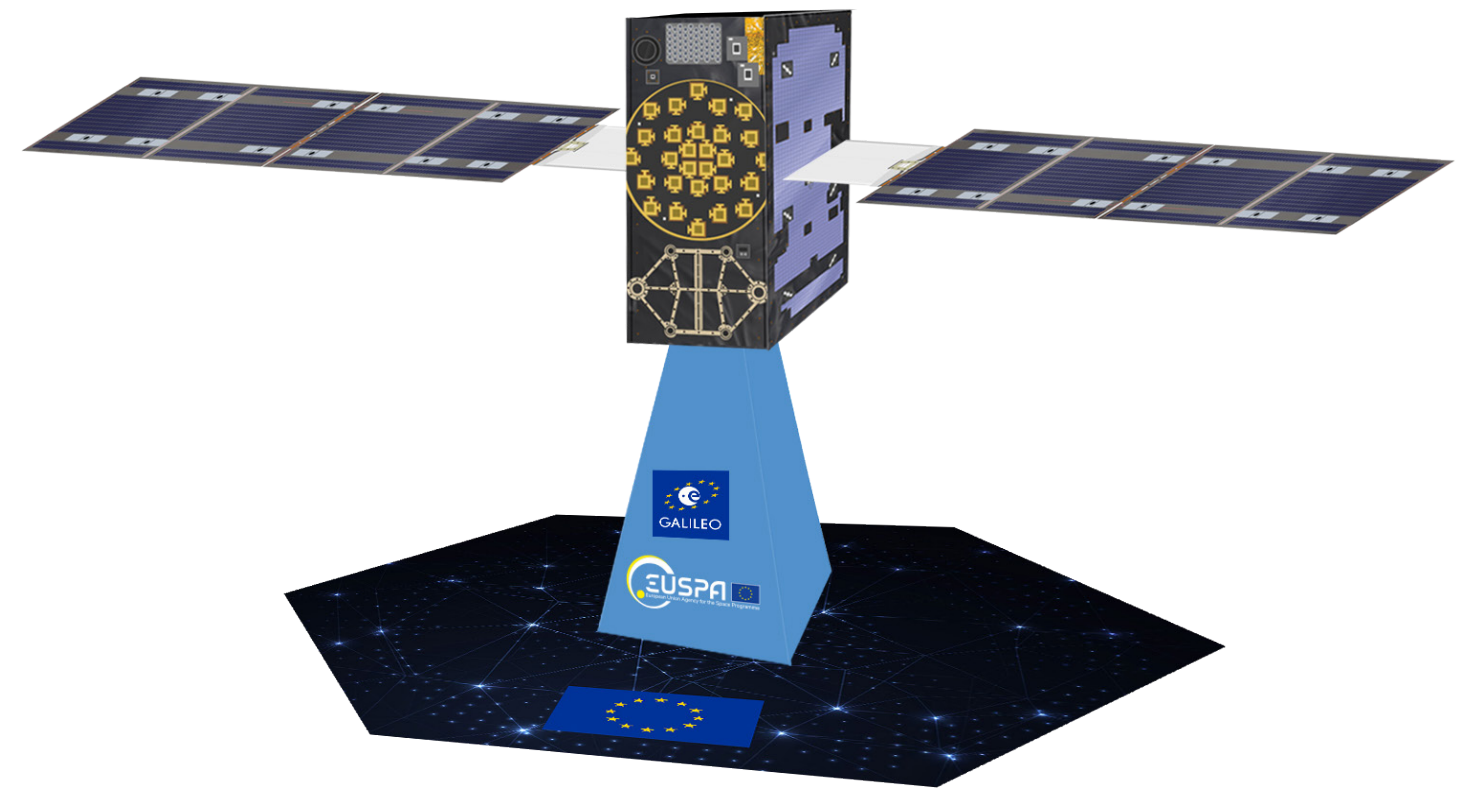
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#EUSpace 



FINISHED MOCK-UP



The Galileo constellation consists of 32 satellites in total*. Orbiting at an altitude of 23,222 km, Galileo satellites complete one orbit of the Earth in approximately 14 hours. At least 4 Galileo satellites are visible anywhere in the world. The satellites are positioned along 3 orbital planes.

Each satellite weights around 700 kg. Once deployed, the solar arrays span 13 m. The Galileo satellites contain all the equipment needed to perform their assigned navigation and timing tasks over the course of at least 12 years.

*Please visit www.gsc-europa.eu for the current status of the Galileo constellation.