



23 May 2016
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D-ORBIT

D-Orbit onboard TeSeR, a major EU project to clean up space debris

Lomazzo (CO), Italy - D-Orbit (<http://www.deorbitaldevices.com>) has reached another important milestone by being part of TeSeR, a major EU project to clean up space.

TeSeR, which stands for Technology for Self-Removal of Spacecraft, is a joint effort led by Airbus Defence and Space to reduce the risk of spacecraft colliding with debris in space.

Under Grant Agreement No 687295, part of the European Union's Horizon 2020 research and innovation programme, the TeSeR study programme will receive EU funding of more than € 2.8 million and will run through 2018. Airbus Defence and Space will also be investing its own resources in the project.

The result of the project will be a prototype for a cost-efficient and highly reliable module to ensure that future spacecraft don't present a collision risk once they reach the end of their nominal operational lifetimes or suffer an in-service failure. The module may also function as a removal backup in case of a loss of control over a spacecraft.

D-Orbit, with its five-year experience in this kind of solutions, will design the subsystem for the controlled removal of the spacecraft, relying on its extensive expertise on decommissioning systems based on solid rocket propulsion.

"We are extremely proud to be part of the TeSeR team," said Luca Rossetini, D-Orbit CEO. "Airbus built up a fantastic consortium to win a very competitive European call, and showed a remarkable insight in foreseeing that solving a social and environmental theme like space debris also presents an incredible business opportunity."

About D-Orbit

D-Orbit is an aerospace company specialized in commissioning and decommissioning solutions for spacecraft of all sizes. The flagship product is D-Orbit Decommissioning Device (D3), a solid propulsion system to be installed on spacecraft before launch, which removes them safely and effectively from orbit at the end of the mission.

About Airbus Defence and Space

Airbus Defence and Space, a division of Airbus Group, is Europe's number one defence and space enterprise and the second largest space business worldwide. Its activities include space, military aircraft and related systems and services.

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