

## **ASTROSCALE To Unveil Its Active Debris Removal Solution Prototype At The Paris Air Show 2015**

SINGAPORE, 11 JUNE 2015 – ASTROSCALE will be showcasing its comprehensive plan to actively contribute to the safe and sustainable use of the space environment, at the Paris Air Show between 15 – 21 June 2015.

The company will present a selection of its capabilities and highlight some of its key technologies. A special focus will be made on the company's catcher satellite prototype that will be presented for the very first time to an international audience on ASTROSCALE booth, Hall 6 B36.

**ADRAS**, a 80kg microsatellite carrying a 20kg catcher satellite that is currently in the development phase, will be used to capture mid-to-large orbital debris and decommissioned spacecrafts. The demonstration mission, which is planned for 2017, will present the company's capability to conduct a non-cooperative approach, debris capture and burn up during atmospheric reentry from one of the most congested area in Low Earth Orbit (LEO).

Future versions of ADRAS will provide scalable and cost-effective On-Orbit Servicing (OOS) solutions for Geostationary Earth Orbit (GEO), responding to the growing need expressed by the satellite market.

**IDEA**, a 20kg microsatellite will collect key information characterizing small-size debris from 100µm or larger in LEO's most congested areas. The objective is to contribute to the global effort of cataloguing small-size orbital debris and to improve future manned and un-manned space missions' safety.

### **ABOUT ASTROSCALE**

ASTROSCALE is a Singapore-based private space company that was founded in 2013 with the objective of developing innovative solutions against the growing number of space debris. The company's mission is to actively contribute to the sustainable use of the space environment by crafting scalable and cost effective on-orbit technologies, and to safely remove the most threatening pieces of debris. It is also incubating technologies to accurately collect essential data of small-size debris that cannot be tracked using existing technologies. With its HQ located in downtown Singapore and a brand new manufacturing facility in Tokyo, the company is actively preparing for its first capabilities demonstration planned for 2017.

### **PRESS CONTACT**

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