

IAF BUSINESS INNOVATION SYMPOSIUM (E6)  
Strategic Risk Management for Successful Space & Defence Programmes (4)

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KEYNOTE: MANAGING RISK IN THE EFFORT TO MAINTAIN ORBITAL SUSTAINABILITY

**Abstract**

Removing existing orbital debris and mitigating the creation of future debris is one of the most fundamental issues of the emerging space economy. Space-related industries and government entities are in an increasingly difficult situation: the risk inherent in performing missions to remove potentially catastrophic debris from orbit is matched only by the risk of inaction to the problem.

Astroscale is one of the few companies in the world proposing to aid in the removal of orbital debris through the provision of End of Life (EOL) and Active Debris Removal (ADR) services. Identification of a technical solution is only one aspect of assuring that orbits remain sustainable. Astroscale is currently developing its first mission to demonstrate the technology needed for debris removal, while at the same time making active contributions to policy discussions and helping to develop a marketplace for debris removal. Coordination between the private sector and government will be essential in order to establish norms and standards to create an industry that reduces the risk of collisions in orbit, as well as making servicing missions as safe as possible.