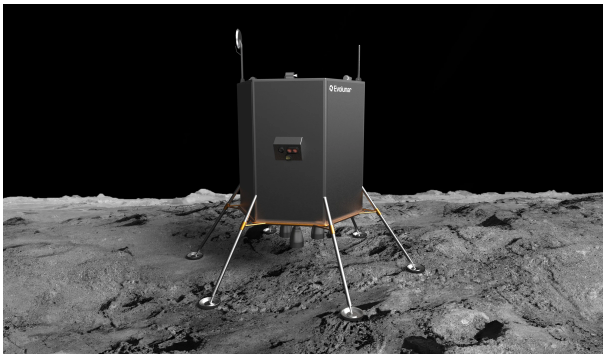
Evolunar

> Products

Guidance Navigation & Control / Platform / Propulsion and RCS / Robotics / Space Systems



> Processes

Design / Drafting / Miscellaneous / Modelling & Simulation / Services / SW/HW development

> More about Evolunar

Since 2020, Evolunar's team has been working on LuNaDrone, a small spacecraft capable of flying autonomously over the lunar surface. Its extreme mobility allows Evolunar to offer a whole range of post-landing services, from exploring sites of interest to last-mile delivery of customer's payloads. This spacecraft can perform scouting flights to identify resources to be mined and collect critical data for efficient mission planning by identifying potential hazards and locating the most promising sites that maximize the commercial and scientific returns for the customer. Thanks to its rocket propulsion and autonomous navigation systems, LuNaDrone can fly even in the most challenging lunar environments.

The Navigation System does not rely on external signals and finds applications also in terrestrial robots and UAVs, rendering them safe from jamming or spoofing attacks, increasing accuracy, reliability, and enabling new use cases in GNSS-denied scenarios.

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