

# PM<sup>3</sup>

## Piattaforma Modulare Multi-Missione

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The overall objective is to define a 50 kg class platform with the possibility of housing multiple interoperable payloads for miniaturized satellites

PM3 project aims to design a 50 kg class platform with the possibility of housing multiple interoperable payloads for miniaturized satellites.

Platform resources will be sized to manage multiple payload combinations simultaneously, from the point of view of:

- Power (generated and storable);
- Transmission band;
- On-board data processing;
- Thermal control;
- Attitude and orbital control.

The platform allows the "parallelization" of the SW resources in such a way as to allow the loading of data processing algorithms directly on board for the different payloads.

Furthermore, the system offers the possibility of "upgrade" both SW (via ground update) and HW (via the launch of additional modules of various kinds that can be connected via dedicated interfaces).

PONR&I - Azione II.2: "Progetti di ricerca industriale e sviluppo sperimentale nelle 12 aree di specializzazione intelligente"

Acronym: PM3

Capofila: DISTRETTO TECNOLOGICO AEROSPAZIALE DELLA CAMPANIA- DAC SCARL

Duration: 30 months - Start date: 01 July 2018

Estimated Project Cost: € 9.263.520,00

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## Partners



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