

High Performance Structures Inovatie si Dezvoltare S.R.L. Metal Parts, MGSE, Engineering & Integration Services for Space Applications

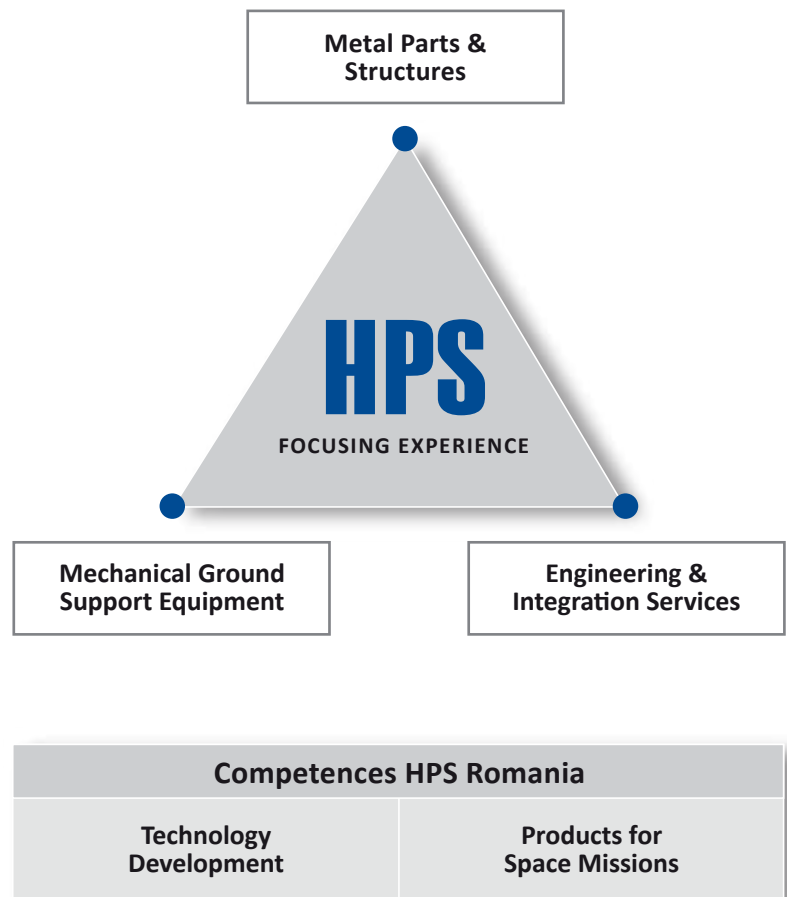
In 2016, HPS Romania has been founded to join the space technology specialists of the European HPS Group. HPS S.R.L. complements the group's portfolio and capacities with its focus on the development and delivery of innovative, light-weight, high performance metal (aluminum, titanium, steel, etc.) parts, equipment and assemblies such as **Secondary Structures, Mechanical Ground Support Equipment (MGSE) Items, Engineering & Integration Services.**

All processes for development, documentation and quality assurance have been adopted from the site in Germany. HPS Romania is EN9100:2016 certified since 2017.

Project management, system engineering, mechanical design and structural analysis is performed by our employees working in the company's office in the center of Bucharest. Manufacturing of parts and testing is coordinated by HPS Romania with local partner companies and institutes. Assembly is performed at HPS Romania as well, in its own large scale integration halls.

First contracts have already been acquired, such as:

- MGSE Items for MetImage-Camera in contract to Airbus Friedrichshafen (METOP-SG mission), with design, analysis, manufacturing, assembly and proof testing. The project consists of 8 different types of MGSEs, with a total of 22 items.
- Assembly, Integration & Test Stand for BIOMASS Satellite.
- Radiator parts manufacturing and bonding activities for SENTINEL 4, in contract to OHB (METEOSAT TG mission).
- Antenna reflector design and analysis (national co-funded R&D program).
- Thermal washers and kinematic mounts technology development (in contract to ESA).



We can deliver hardware for:



Scientific Satellites



Telecommunication Satellites



Launchers



Re-entry Vehicles



Planetary Missions



Ground Stations

Site Contacts



Adresse

HPS S.R.L.
Sos. Pantelimon nr. 10-12, et. 2,
Sector 2, Bucuresti,
Romania

Site Management (primary contact)

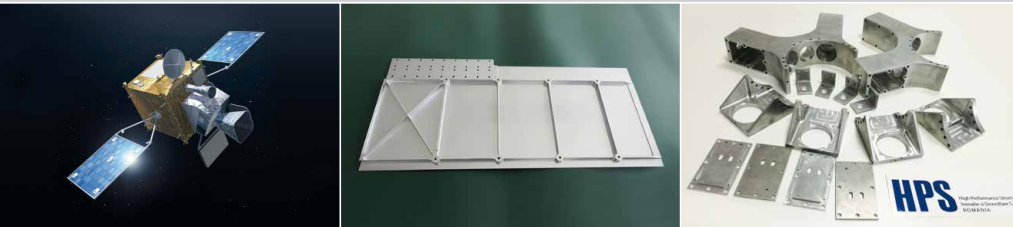
Astrid M. Draguleanu
T: +40 31 10 29 397
E: draguleanu@hps-srl.ro
www.hps-srl.ro

CEO HPS Group

Dr. -Ing. Ernst K. Pfeiffer
T: +40 31 10 29 397
E: pfeiffer@hps-gmbh.com

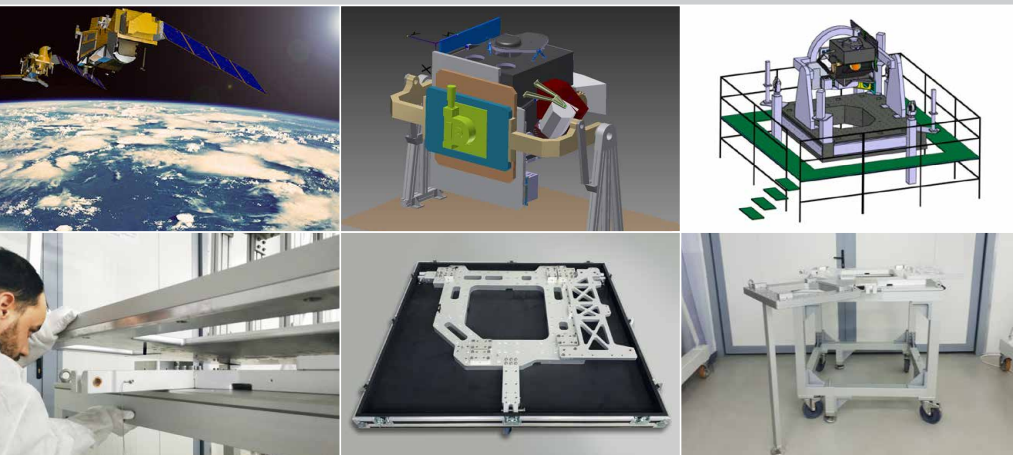
Main Product Portfolio

Metal Parts & Structures Design & Manufacturing



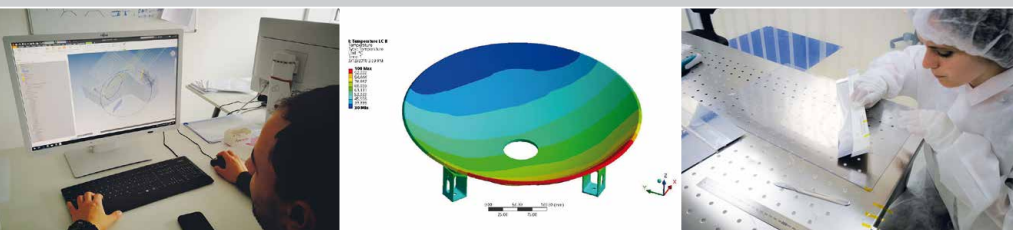
- Mechanical Design, Structural Analysis
- Parts Manufacturing and Surface Treatment (with partner companies)
- Manufacturing Control, Inspection, Cleaning, Documentation.

Mechanical Ground Support Equipment (MGSE)



- Integration Stands
- Lifting & Hoisting Devices
- Support Structures
- Alignment Trollies
- Turning Devices
- Multi Purpose Adapters
- Transport Containers.

Engineering & Integration Services



- Mechanical Design
- Structural Analysis
- Thermo-elastic Analysis
- Vibration Test Prediction
- Structure Assembly Services
- Integration Support.

Facilities



Left: Office building, HPS located on the 2nd floor.
Middle: ISO8 Cleanroom with 16 m² area.
Right: Assembly and integration halls with 350 m² area in total.