

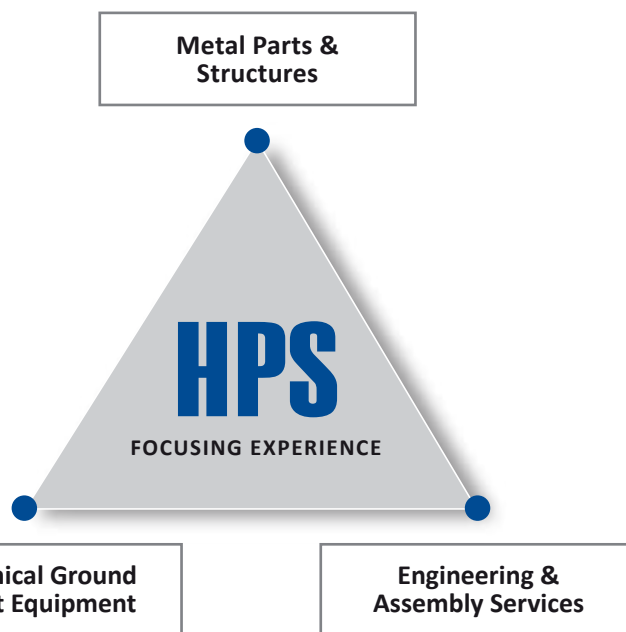
## High Performance Structures Inovatie si Dezvoltare S.R.L. Metal Parts, MGSE, Engineering & Assembly Services for Space Applications

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

All processes for development, documentation and quality assurance have been adopted from the sites in Germany and Portugal. 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, only 19 km away from the international airport. Manufacturing of parts and testing is coordinated by HPS Romania with local partner companies and institutes. Assembly is performed in Romania as well, in the own large scale integration hall of HPS.

**First contracts** have already been acquired, such as:

- MGSE Items for MetImage-Camera in contract to Airbus-D (METOP-SG mission)
- Radiator parts for SENTINEL 4 in contract to OHB (METEOSAT TG mission).



Competences HPS Romania		
Technology Development	Products for Space Missions	Engineering & Assembly Services

### We can deliver hardware for:



Scientific Satellites



Telecommunication Satellites



Launchers



Re-entry Vehicles



Planetary Missions



Ground Stations

### Site Contacts



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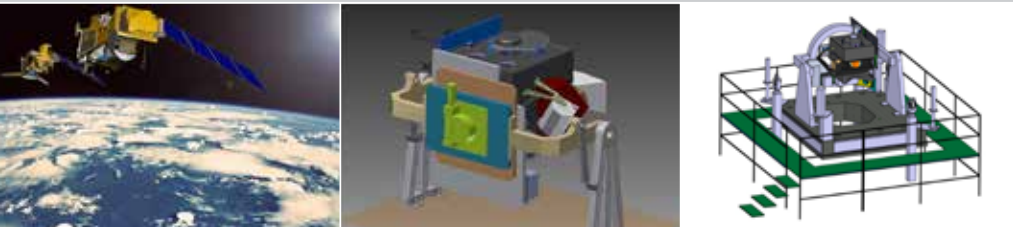
## Main Product Portfolio

### Metal Parts & Structures Design & Manufacturing



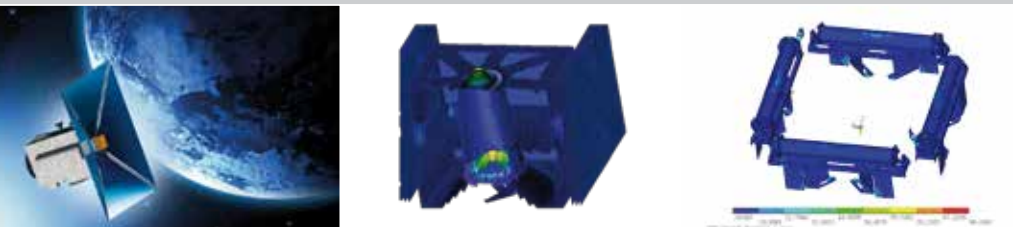
- Mechanical Design, Structural Analysis
- Parts Manufacturing and Surface Treatment (with partner companies)
- Manufacturing Control, Inspection, Cleaning, Documentation.

### Mechanical Ground Support Equipment (MGSE)



- Vertical Integration Stand
- Support Structures
- Lifting & Hoisting Devices
- Alignment Trolleys
- Multi Purpose Adapters.

### Engineering, Assembly & Integration Services



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

## Facilities



Office building (left picture, HPS in 2<sup>nd</sup> floor)  
Assembly building (HPS right entrance) with 600 m<sup>2</sup> area (from Nov. 2016 on)

Following pictures: Manufacturing machines (only a small portion) of our main production partners in Romania

