

## Hosted Payloads, Hosted Missions, Towards A Successful Share Of Resources

Thierry Benchetrit<sup>1</sup>, [thierry.benchetrit@astrium.eads.net](mailto:thierry.benchetrit@astrium.eads.net)  
<sup>1</sup>Astrium,

**Abstract:** Thanks to its major role in the space industry, Astrium is naturally generating along the earth observation, navigation, science and telecommunication satellites production, numerous opportunities to embark hosted missions.

Astrium built satellites and ground segments initially sized to embark a dedicated mission can, in most of the cases, welcome a secondary small or medium size mission. Access to space is therefore ensured for these missions with the same level of reliability as for the main one.

The high variety of missions, orbits, platforms, ground segment equipment and available resources on board and on ground, can cover a wide range of space mission needs and generate valuable share of resources for any kind of space player, willing to access to space at controlled and optimized conditions at an affordable price.

The paper is presenting the Astrium approach for such share of resources, from the platform, to the ground segment, passing through the launch service to the in flight operations of the hosted mission.

Keyword : hosted, payloads,