



GROUND SEGMENT AND ASSOCIATED PROTOCOL FOR SYNCHRONISATION OF ONBOARD/GROUND FILES

Exchange and synchronisation of electronic files between user(s) and satellite(s)

Technological benefits

Simplified exchanges between one or more users and one or more satellites.

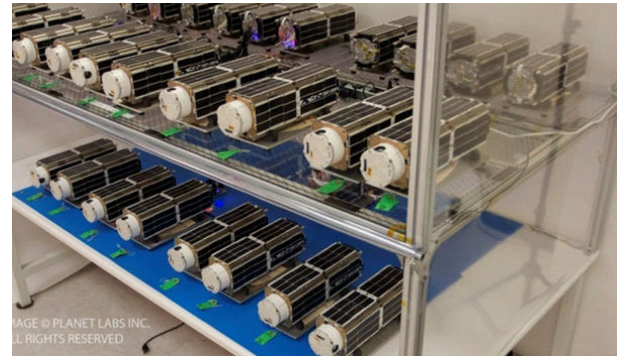
The invention can be used to organise an exchange of electronic files

Option to upload and retrieve files on any commonly used terminal

A computer, a simple smartphone or a tablet device can be used.

Software useful to the user

The software can provide information that is useful to the user: Awaiting file transfer, date file is synchronised in the satellite, etc.

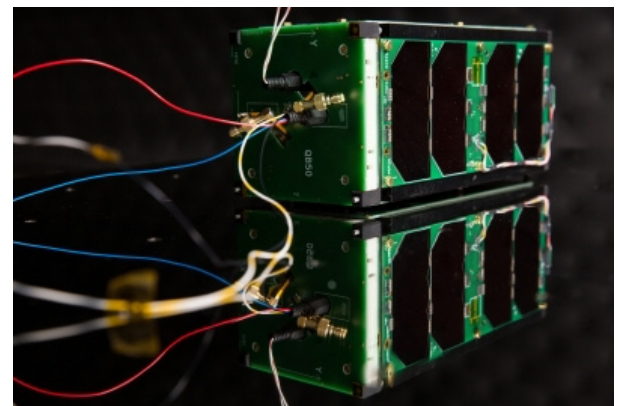


Nanosatellites

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Invention overview

The invention offers a ground station architecture for nanosatellites, CubeSats or any other small satellite that allows files to be exchanged between users and satellites at a very low cost.



JANUS CubeSat designed by students

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Potential applications

NanoSatellites, cubesats, ...

Invention adapted to small satellites

Commercial benefits

Use on commonly used terminal

Smartphone/PC/Tablet Device

Cheaper than standard ground stations

Price reduced by a factor of 30

Invention brevetée disponible sous licence