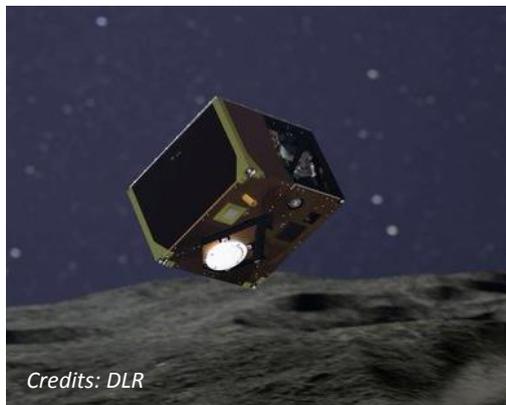


**Japanese Hayabusa2 spacecraft, launched on December 2<sup>nd</sup> 2014, released last night the mission's MASCOT (Mobile Asteroid Surface SCOut) lander.**



**Buc, France, October 3<sup>rd</sup> 2018** – After a 4 years trip in space, MASCOT successfully landed on Ryugu's south hemisphere. Using its four instruments, the lander analyzes the asteroid's soil at two different sites during its 12-15hours mission duration. Developed by DLR (Germany) in partnership with the CNES (France), the mission will allow an analysis of Ryugu's mineral composition, temperature and magnetic characteristics after collecting and returning a surface's sample. The sample's return is scheduled for 2020.

3D PLUS supplied several electronic parts for Hayabusa2/MASCOT mission. Used for mass data storage in very high density, the Radiation Tolerant 8Gbit Flash NAND features endurance of 100K Write/Erase cycles and allows about 85% space savings in the design. It is integrated in the Data Acquisition and Mass Memory board. 3D PLUS 2Mbit MRAM and LVDS Quad Driver and Receiver are integrated in the MASCOT on-board computer, allowing high reliability and high miniaturization.

3D PLUS is proud to be part of the Hayabusa2/MASCOT mission that has ambitious scientific objectives. It will allow a better knowledge of our Solar System to understand how it was born and formed, how it has evolved and determine the original materials on Earth when life appeared.

### **About 3D PLUS:**

3D PLUS is a French SME, world leader in the design and manufacturing of high-performance and high reliability components miniaturized with its unique 3D vertical interconnect technology.

With more than 125,000 modules into space early 2018 and a production of more than 30,000 space qualified modules per year in its facility nearby Paris, 3D PLUS provides all stakeholders of the global space industry for over 20 years for telecommunications applications, Earth observation, navigation, launchers and human spaceflight, science missions, small satellites and constellations.