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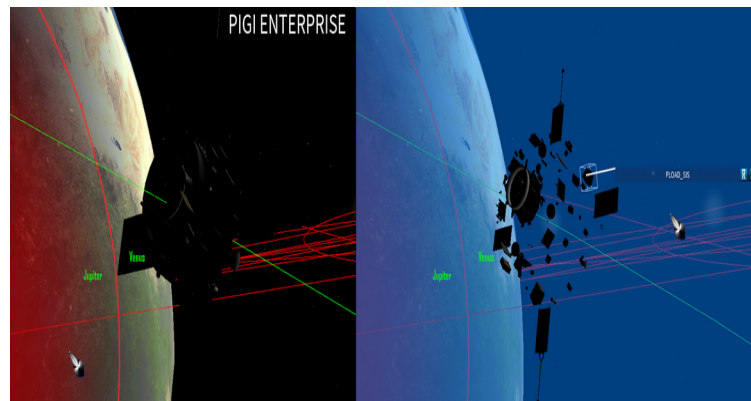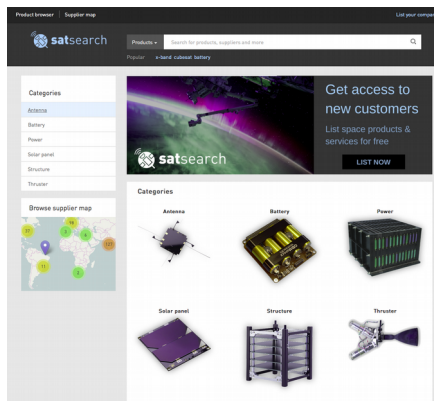
Satsearch.co selected by Saber Astronautics to integrate parts search into PIGI

25th September, 2017

Adelaide, Australia: Sydney-based Saber Astronautics announced the signing of a Memorandum of Understanding (MOU) with satsearch.co to embed their unique database of space parts into the Predictive Groundstation Interface ("PIGI") software. The announcement was made at the 2017 International Astronautical Congress hosted in Adelaide.

PIGI is next-generation mission control software, which uses video game and machine learning techniques to address the challenges satellite controllers face in keeping their missions operational. PIGI aims to both simulate the conditions in space and intelligently diagnose problems onboard the satellite. The approach is paying off as an enabler for a range of new satellite missions that focus on large numbers of smaller, more agile constellations.

Satsearch.co provides access to a comprehensive database of space parts, making it easier for companies to find the right suppliers for new satellites. New space projects are typically risky and can have design flaws that even highly experienced engineers can miss. Embedding satsearch's database into PIGI allows engineers to rapidly test design concepts before launch, closing the loop between mission design and operations.

“We are looking forward to exploiting the synergy between satsearch and PIGI, to enable mission designers to robustly explore the design space and develop a deeper understanding of the impact of their design choices on mission operations”, said Kartik Kumar, Co-founder and CEO at satsearch.co. “With over 2500 products and over 500 suppliers already listed on satsearch, we believe that our partnership with Saber will prove to be game-changing for the NewSpace industry.”

Both companies are excited to announce this MOU, leveraging their respective areas of excellence to power the next generation of tools to support complex space mission operations.

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About satsearch.co
The satsearch vision is to map the entire landscape of the space industry by building a comprehensive, independent and up-to-date marketplace that indexes all the products and services within the sector. The satsearch platform will provide users with parametric search capabilities, enabling complex data querying and visualization, in support of engineering, procurement, business development, and market analysis.

For more information, please visit satsearch.co.

About Saber Astronautics
Saber Astronautics' mission is to reduce barriers to space flight, making it more accessible to people on Earth. Saber's Predictive Groundstation Project (PIGI) is a next-generation space mission control software developed by an experienced team of space operations, systems control, ux, and robotics experts. PIGI brings together the latest techniques in human factors, artificial intelligence, and dynamic 3D data visualization to make it easy for spacecraft operators to monitor, fly, and rapidly diagnose faults in spacecraft systems.

For more information, please visit www.saberastro.com.