

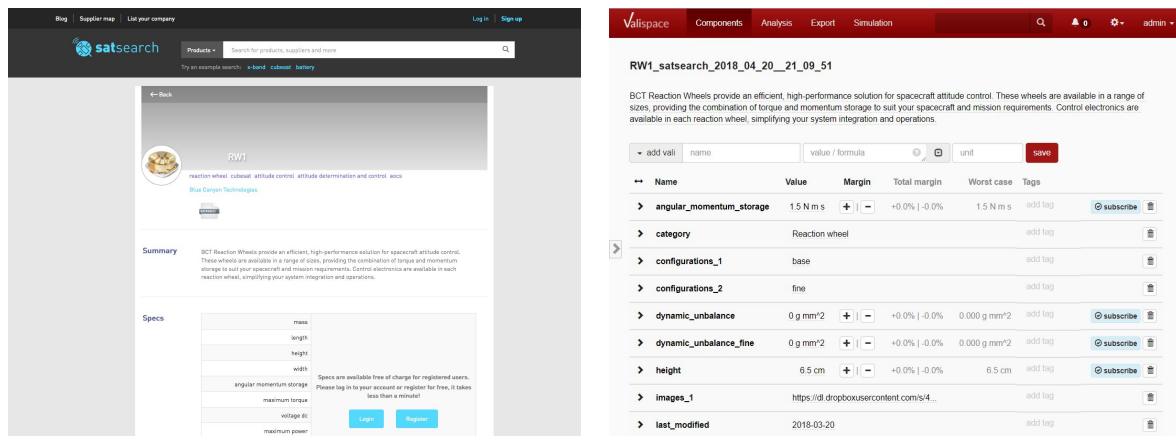


FOR IMMEDIATE RELEASE

Single-click import of space products into Valispace using satsearch

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Satsearch has teamed up with Valispace to enable users to import space products directly into their projects, opening up the opportunity for engineers to navigate the global supply chain seamlessly and drive design choices using data.



Snapshot of the Valispace-satsearch integration.

Delft, the Netherlands: [Valispace](#) and [satsearch](#) have launched a software integration that enables space engineers to add space products to designs with a single click. This collaboration marks an important milestone for both parties, bringing the concept of “Data-Driven Design” (D³) to the market.

As the complexity of space systems increases, there is a pressing need for modern software tools to support the design process. Space engineering is a highly multidisciplinary activity that requires a team of engineers to effectively and efficiently communicate design choices. The design of a satellite typically necessitates many iterations; finding the right balance between all the different aspects of the design, whilst still ensuring that the system satisfies the stipulated requirements, is a true art. In such a complex environment, dedicated tools are necessary to ensure that engineers are aware of the state of the design at any moment, are able to understand the impact of design choices on the rest of the system, and can effectively trace & mitigate problems.

Valispace delivers a platform that enables this and more. Engineers can do away with Excel and instead utilize a dedicated, browser-based, software platform that is built for teams to collaborate on hardware projects.

To be able to drive design choices and develop systems, space engineers have to understand what's available on the market. Figuring this out is an arduous task that often involves "Googling" for products, scouring supplier websites, and trying to extract information from highly unstructured datasheets. Not only does this lead to a colossal waste of precious engineering man-hours, it also renders it virtually impossible for engineers to be sure that they have picked the right products.

Satsearch delivers a solution to this problem by indexing the global space supply chain. Users can find over 5000 datasheets from over 700 suppliers on satsearch, enabling engineers to focus on the design trade-offs rather than the problem of navigating the supply chain.

The Valispace-satsearch integration leverages both platforms to enable engineers to directly import specifications for space products listed on satsearch into their Valispace projects. No longer do engineers have to struggle with finding datasheets and copy-pasting numbers into their design environment: now all it takes is a single click.

Marco Witzmann, CEO of Valispace states that "the Valispace-Satsearch integration shows the big potential of a browser-based hardware development toolstack: Instead of existing island solutions, we see seamless collaboration across tools as the future of engineering. With more and more tools moving to the browser and interconnecting, engineers are able to build better products on budget and schedule."

According to Kartik Kumar, CEO of satsearch, "the integration of supply chain data into the space mission design process is a necessary part of enabling engineers to develop evermore complex systems. The integration of satsearch into Valispace provides engineers with the opportunity to rapidly test design concepts instead of spending hours looking for datasheets and copy-pasting numbers".

To learn more about the Valispace-satsearch integration, sign up for an account at satsearch.co. New to Valispace? Try it out at demo.valispace.com.

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About satsearch

Satsearch aims to capture the entire landscape of the space sector by building a comprehensive, independent and up-to-date search engine that indexes all the products and services within the global industry. The satsearch platform provides 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 Valispace

Valispace is a browser-based engineering software, in which engineers store design data and parameters in a single database. Calculations and data analysis are done collaboratively in the browser and can easily be shared with other engineers and teams. When a parameter in the system changes, the whole design is automatically updated, and all parameters are recalculated. This allows for an agile and cost-saving hardware engineering process throughout the complete product lifecycle. Valispace is easy to integrate into an existing engineering workflow thanks to interfaces and integrations with other tools, such as Word, Excel, and MATLAB.

For more information, please visit valispace.com.