



### The company

DASSAULT AVIATION is a major world player in the aeronautical industry, involved in the civilian and military fields. The company's leadership status is driven by expertise in emerging and strategic technologies and complex airborne systems, trend-setting design capabilities, lean and flexible production facilities, a highly skilled and committed workforce, and a broad portfolio of products.

The development of the Falcon 7X, enabled Dassault Aviation to conduct innovative processes, incorporating the latest Product Lifecycle Management tools (CATIA, ENOVIA, DELMIA & SMARTEAM). These processes encompassing development, production and support phases constitute a real industrial revolution. With regard to development, the world's first "virtual" plateau, enabling about twenty companies located around the world to develop concurrent engineering, will eventually transform the methods of cooperation for the entire industry.

### Motivation of the company to sponsor the Challenge

This challenge represents for Dassault Aviation the opportunity to associate students from various origins with an international aeronautical and space meaningful project. To prepare his entry to the professional life, the young student needs to open in most large number of extra-academic experiences in which he is going to be able to find challenges in complex domains which he does not master necessarily. To look for the good information, lean on the multiple skills of a team to conceive and produce are just like what the industry expects from him at the beginning of its career.

To take advantage from the concept of a manned suborbital vehicle studied by the ACE in the frame of a multiannual project allowing the students "to produce" in a context close to the reality of the professional life.

With the other partners, to exchange with associations or teams of students on their works, to value the best results while making all the participants progress is a formula which promises to be rich in experiences.

Website : [www.dassault-aviation.com](http://www.dassault-aviation.com)