

Testimonial  
Paris, November 21, 2017

## **KEONYS assists Spark Racing Technology with the design of Formula E racing cars**

**KEONYS, a European partner for Product Lifecycle Management and 3D solutions, is supporting Spark Racing Technology with its digital transformation in order to meet its future technological challenges. Using Dassault Systèmes' 3DEXPERIENCE platform, Spark Racing Technology, a company specialized in the design and construction of electric and hybrid systems, successfully responded to a call for tenders issued by the International Automobile Federation (FIA). The aim was to supply electric single-seaters for the first Formula E world championship.**

### **Cutting-edge technology**

Formed in 2012, Spark Racing Technology was named as the FIA's exclusive supplier for fully electric racing cars. It handled the design, development and production of 40 electric single-seaters. As the world's first electric racing car, the main technological challenge was the complete innovation of the powertrain. Spark Racing Technology developed it entirely using the 3DEXPERIENCE platform.

*"It was a major industrial challenge and we were looking for a digital solution that could offer both technological innovation and skills development for our employees. KEONYS' teams assisted us with the deployment and customization of the 3DEXPERIENCE platform, in particular for the integration of our specific design processes,"* explains Théophile Gouzin, President and Technical Director of Spark Racing Technology.

The 3DEXPERIENCE platform stands out as it brings together all of Dassault Systèmes' products with an unbroken digital chain and in a single shared environment.

*"To help Spark Racing Technology increase its productivity, we deployed 3DEXPERIENCE while integrating all of the company's processes. The company's technical teams are now using the platform from the design office to the workshop, and the solution evolves as new needs are expressed, whether in terms of the development of new uses or collaboration with new teams,"* adds Martin Grunau, COO of KEONYS.

The Formula E world championship takes place in major world cities, such as Beijing, Los Angeles, London and Paris. This technological showcase demonstrates Spark Racing Technology's expertise in the design and construction of hybrid and electric systems.

*"3DEXPERIENCE meets our needs, both in terms of robust CAD tools and collaboration between various users. We are currently the only manufacturer of electric racing cars and our aim is to remain one step ahead. We firmly believe that 3DEXPERIENCE will help us conquer new markets, both in France and internationally,"* concludes Théophile Gouzin.

#### **About KEONYS**

KEONYS is the European partner of reference for PLM (Product Lifecycle Management) and 3D solutions. Working at the heart of digital business, KEONYS enables organizations of all sizes and in all industries to develop and manufacture better products and innovative services faster.

As a key player in innovation and productivity, KEONYS provides value-added business consulting services, PLM project implementation and integration, training and support to its 1,500 customers in France, Belgium, Luxembourg and the Netherlands. KEONYS achieved sales of €56.2 M in 2016.

In 2017, KEONYS joins CENIT to become Dassault Systèmes' Number 1 value-added reseller in the world, and became part of the Group's PLM Division with total sales of €120 M.

The consolidated Group has more than 800 employees and 27 agencies located in eight countries. The Group supports companies with the deployment of Product Lifecycle Management (PLM) and Enterprise Information Management (EIM) solutions.

[www.keonys.com](http://www.keonys.com)

#### **About Spark Racing Technology**

With extensive experience in motor racing sports, Frédéric Vasseur founded the company Spark Racing Technology (SRT) in October 2012 with the aim of developing hybrid and electric powertrains.

The creation of the company coincided with the birth of the Formula E project, an unprecedented competition that sees fully electric single-seaters battle it out on tracks around the globe. They are ordered by the championship's promoter and organizer – Formula E Holdings (FEH).

This international competition represents an ideal first showcase for SRT to demonstrate the extent of its expertise in electric cars, from the powertrain to the gearbox and battery.

While current efforts are focused on the Formula E project, the company is now turning its expertise to applications that go well beyond motor racing. From series-produced automobiles to aviation, there are many areas for growth offering huge potential, some of which are already being closely studied.

[www.sparkracingtechnology.com](http://www.sparkracingtechnology.com)

#### **Press contact**

##### **Agence MilleSoixanteQuatre**

Cécile Saint-Paul

Tel: +33 (0)185 761 205 / Mob: +33 (0)607 844 259

[c.saintpaul@millesoixantequatre.com](mailto:c.saintpaul@millesoixantequatre.com)