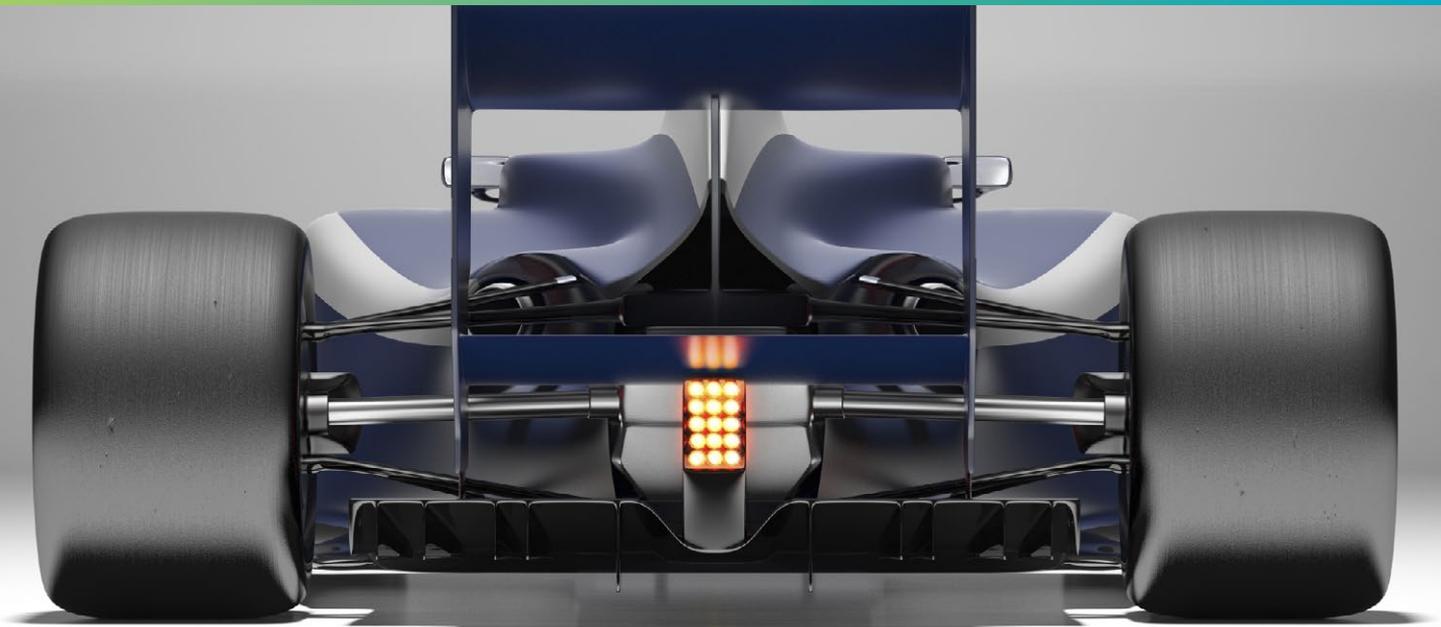


## SADEV

Racing to success with Romax Technology: design and development specialists for the motorsport industry integrate Romax software for high performance design



**“A genuine jewel of technology, Romax software enables SADEV to make significant progress in the optimisation of transmission systems, to offer more reliable, high-performance products.”**

**Eric Agneau,**  
Technical Products Manager, SADEV

Romax have been working with long-standing motorsport design company SADEV on the design and development of their transmissions for racing cars.

Based in Europe and the US, SADEV focuses on its passion for competitiveness in achieving the best outcome for its motorsport customers. It shares this ethos with Romax Technology, in that it is constantly challenging itself to develop the optimum transmission. This similar outlook has made the partnership between the two such a complementary fit. Both companies have a winning combination of expert engineers and design specialists who are committed to solving challenges and providing solutions to the industry.

Using the latest in simulation, expertise and a drive to succeed, SADEV uses a combination of integrated software packages to get the best outcome for its clients. Each gearbox is modelled using CATIA V5 virtual design software and validated using NASTRAN finite element calculation software. Last year, SADEV made a substantial investment in a high-performance software solution with RomaxDESIGNER.

SADEV found that Romax's simulation capabilities gave them a very high-end solution that could provide extra design and development dimensions, in particular the detailed simulation of all gearbox and transmission system components such as gears, rolling bearings, transmission joints, lubrication, etc together as a whole system. This system-wide simulation allows, for example, the calculation of gear teeth deflections taking into account shaft bending and bearing misalignments.

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SADEV's ST4-917 gearbox - image courtesy of SADEV



**Our partnership with SADEV means we are now using our technology to provide drivetrain solutions in the motorsport industry. We have a long history of working within the automotive industry, but this is a great honour for us and shows our proven technology spans all industry with huge benefits.”**

**Philippe Barzilai,**  
Sales Manager, Romax Technology

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Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Romax, part of Hexagon's Manufacturing Intelligence division, provides world-leading solutions for the design, analysis, testing and manufacture of gearboxes, drivetrains and bearings. Learn more at [romaxtech.com](http://romaxtech.com). Hexagon's Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at [hexagon.com](http://hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).