



TRANSPORTATION & MOBILITY LEAN, GREEN & COMPLIANT

DEVELOP RELIABLE, SUSTAINABLE VEHICLE INNOVATION



**HOW CAN YOU DEVELOP
HIGH-PERFORMANCE,
SUSTAINABLE VEHICLES
WHILE CONTROLLING COST,
WEIGHT AND COMPLIANCY?**

Today's drivers are demanding fuel-efficient, eco-friendly vehicle innovation, without sacrificing performance. OEMs and suppliers are eager to fulfill these demands as efficiently and profitably as possible. So how do you ensure that your next generation of transportation delivers driver requirements, while balancing cost, weight and compliancy?

Lean, Green & Compliant 3DEXPERIENCE solutions provide the automated, proven capabilities you need to capture consumer preferences, simulate/optimize performance, and manage cost, weight & compliancy, all while fulfilling industry and government requirements.

LEAN, GREEN & COMPLIANT – DEVELOP RELIABLE, SUSTAINABLE VEHICLE INNOVATION



Capture the Voice of Your Customers and Develop Their Ideas Into Reality

Leverage 'Lean, Green and Compliant' capabilities to capture future customer input from social media and other timely sources. Then explore your best options in an integrated, collaborative 3D platform.

Eliminate Guesswork with Accurate, Realistic Virtual Test & Validation

Benefit from industry-leading integration, testing and visualization tools to confirm performance and enhance product quality, without the added expense of physical prototypes. Realistic virtual materials enable you to explore alternatives and confirm the optimal, accurate selection.

Control Weight, Cost, and Cycle Time, While Fulfilling Required Compliancy

Our virtual, integrated **3DEXPERIENCE** platform enables you to monitor and optimize vehicle cost comprehensively, from production to recycling. Early virtual design, engineering and validation can reduce vehicle weight, material waste, and time to market. And automated documentation will confirm required compliancy.



Confirm and Report That Your Innovation Meets Required International Standards

Accelerate your innovation to market with the peace of mind that your final product is optimized and competitive, yet also internationally compliant regarding safety, recyclability and other requirements.

Minimize Eco-Impact, Maximize Performance

Vehicle modeling and behavior simulation can also support the estimate of energy balance and potential impact on the environment. Environmental Impact score cards, integrated in the design environment, are updated as your product evolves to better enable your teams to complete the optimal development decisions. Proven 'Lean, Green and Compliant' solutions can quickly strengthen your competitive advantage.



Lean, Green and Compliant Benefits

- Enables customer-driven, sustainable innovation.
- Provides strategic capabilities to develop, test, and validate the optimal eco-friendly, high-performance vehicle.
- Virtual simulation & analysis ensures optimal performance and saves time, waste & cost.
- Integrated environmental score card tools help to minimize eco-impact as vehicle development evolves.
- Accurate, automated documentation confirms compliancy.

For more details regarding Lean, Green & Compliant Industry Solutions Experience go to: WWW.3DS.COM/TRANSPORTATION