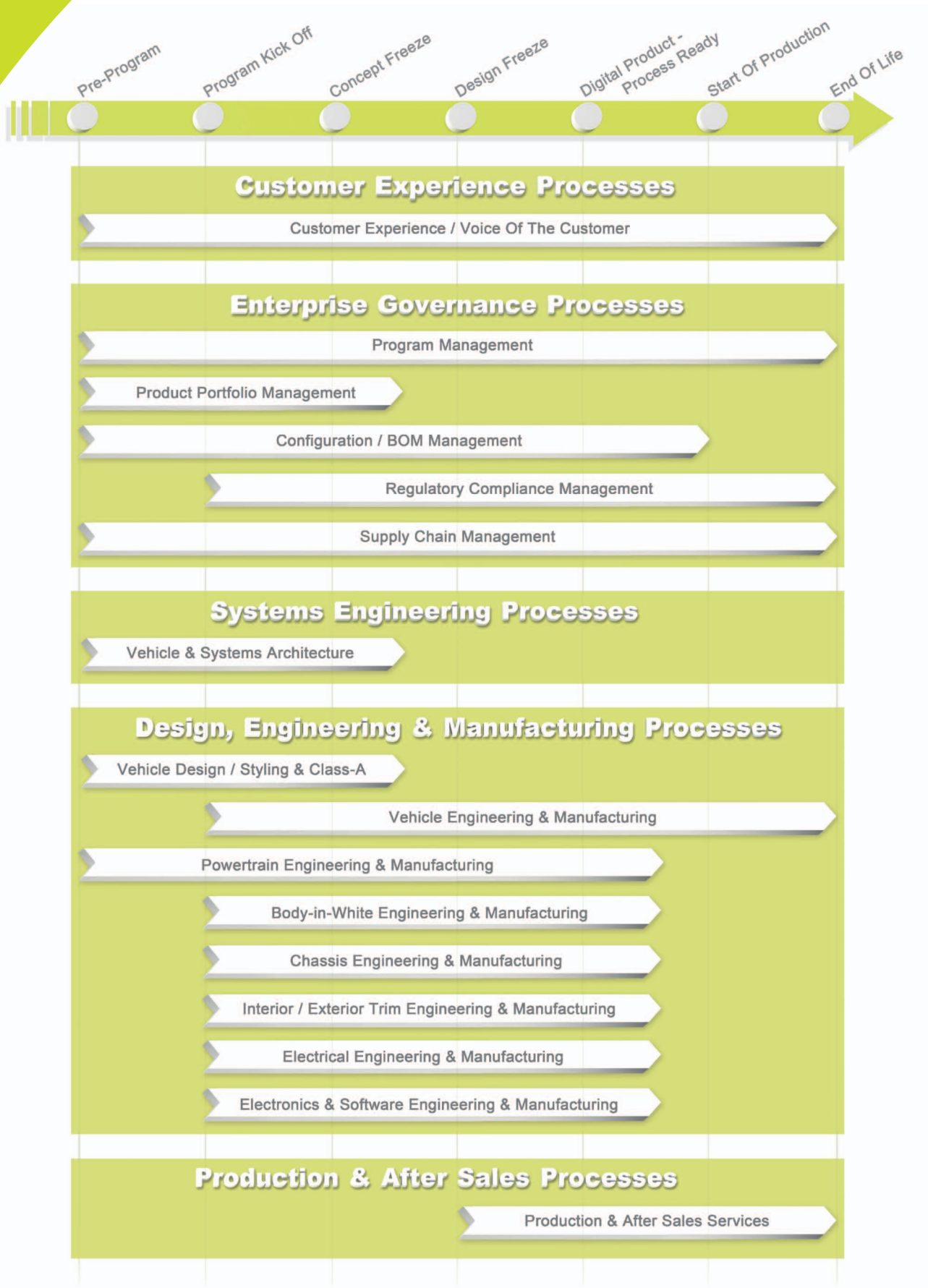


Accelerating your vehicle innovation in
AUTOMOTIVE & TRANSPORTATION



Dassault Systèmes' Solutions for Automotive & Transportation:

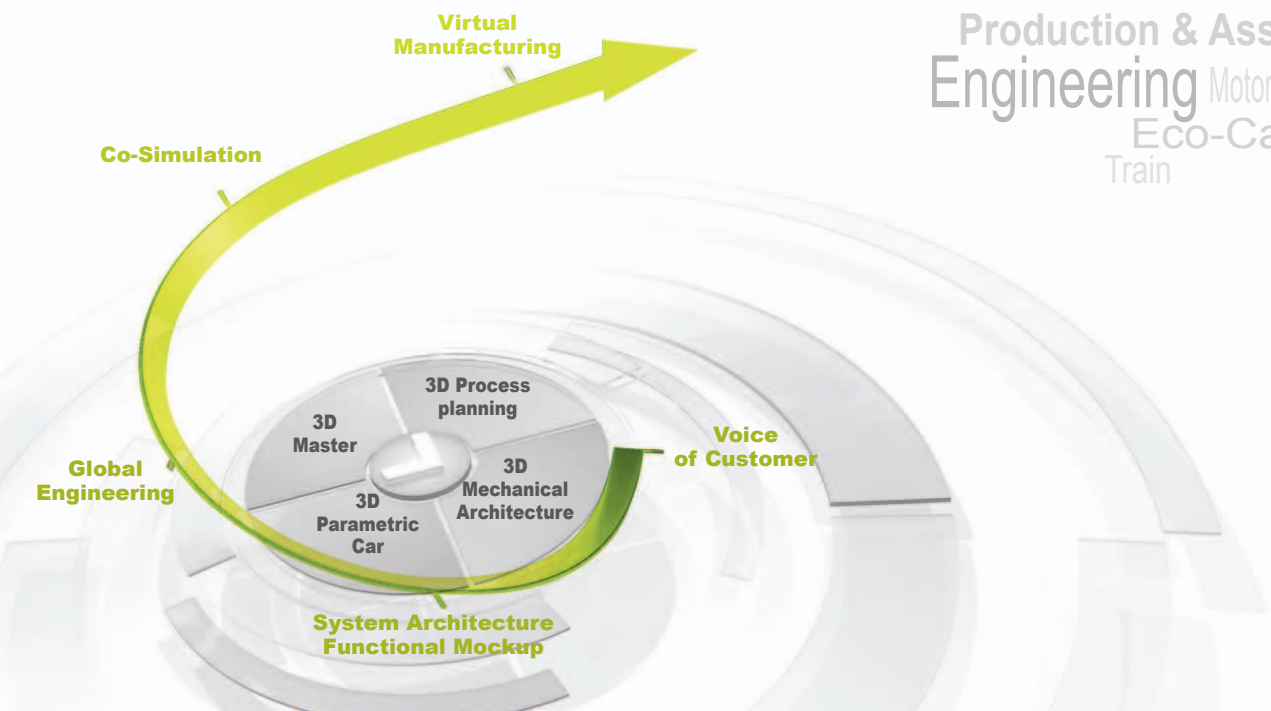
To maintain their competitive advantage, automotive & transportation companies must implement optimal business process transformation to surpass critical industry challenges.



Accelerating your innovation in Automotive & Transportation:

Demand for new vehicle innovation is stronger than ever, as both automotive industry infrastructure, and its core technologies, evolve simultaneously. Considering intense competition, requirements for global product development, and increasingly complex mechanical & electronic content - are you developing products that are optimized for customer requirements? And are you leveraging innovative partners with the global resources and industry experience to enable your success?

Dassault Systemes is a visionary partner, providing automotive & transportation leaders with the world-class solutions & services they require to transform their business and accelerate innovation. Our integrated PLM portfolio – including CATIA, ENOVIA, DELMIA, SIMULIA, and 3DVIA – enhances successful business processes, automates knowledge, and better enables global collaboration.

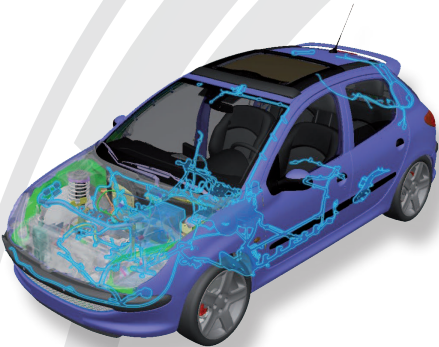


Dassault Systèmes’ Solutions
for **Automotive & Transportation:**

To maintain their competitive advantage, automotive & transportation companies must implement optimal business process transformation to surpass critical industry challenges.



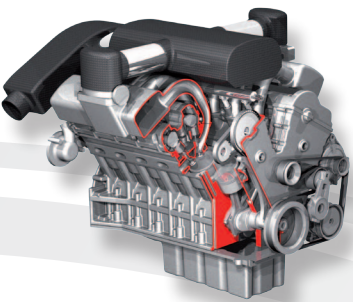
Global Product Program Management:
Leverage intellectual capital, navigate program content, assess project performance, effectively manage strategic activities, all while collaborating with global teams and key decision makers.



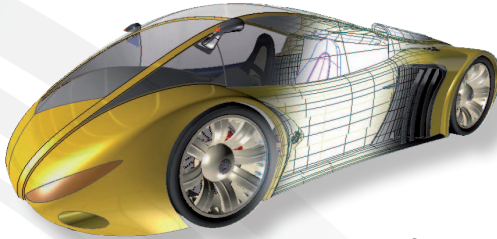
Vehicle Systems Architecture:
Manage end-to-end vehicle architecture and systems engineering processes, functional analysis, logical systems design, multi-physics behavior modeling & simulation, configuration and change management.



Vehicle Design/Styling & Surfacing:
Optimize entire vehicle design / styling workflow from industrial design to Class A. World-class concept design, mechanical surfacing, refinement, reverse engineering, with real-time diagnostic tools and high-end visualization.



Powertrain Engineering & Manufacturing:
Develop and optimize engine & transmission design, simulation & validation, structural dynamics, noise & vibration, manufacturing casting & forging, machining, and assembly planning.



Body-in-White Engineering & Manufacturing:
Accelerate BiW design, development & production, simulation & validation. Optimize occupant safety, strength & durability, noise & vibration, resource design, tooling & fastener management, and assembly planning.



Regulatory Compliance Management:
Deliver innovative yet environmentally compliant products that meet global market demands. Efficiently fulfill material declaration, compliance assessment, ELV (End-of-Life) & GADSL compliance management, and IMDS integration.

Transforming Industry Challenges Into Strategic Opportunities:

Faced with evolving customer demand, vehicle dynamics, and environmental regulation, today’s industry leaders must effectively manage their processes, resources, and core capabilities in order to successfully deliver high-performance, profitable products. Ability to respond quickly & efficiently to industry opportunities can strengthen your competitive advantage.

Are your product development teams optimizing your potential for success, or opening your company to major liability & warranty costs? OEMs and suppliers frequently face critical product decisions, which impact performance, compliance, and company reputation. Yet many do not have access to 3D solutions and processes to properly appraise & implement the optimal, responsible product choices.

As vehicle product development requires more global collaboration, pressures to get the right product to the right market on time have never been greater. Dassault Systèmes’ PLM solutions enable OEMs and their suppliers to accelerate the development of innovative products that have higher chances of market success. Based on PLM 2.0 architecture, our solutions integrate business process management with world-class tools for design, engineering, analysis, and manufacturing, so that all product development stakeholders can effectively collaborate in an integrated, realistic 3D environment.

Industry-Leading Capabilities Optimize Your Results:

As the leading design/engineering/analysis solutions provider for over 70% of global automotive OEMs and their suppliers, our PLM experts support strategic initiatives focused on the transformation of automotive product development, manufacturing and enterprise collaboration processes:

- **Accelerate new product innovation**, while improving quality
- **Simulate product performance** in ‘3D online for all’ environment
- **Manage single PLM platform/repository** for IP management
- **Enhance global collaboration**, multi-site & throughout supply chain
- **Ensure delivery of projects** within performance and timing guidelines
- **Provide accurate, real-time 3D review & reporting** of program status
- **Leverage ‘ready-to-use’, proven PLM business processes**

From vehicle design concept, to embedded systems engineering, to powertrain in production, DS provides world-class capabilities to ensure your success.

Explore your options, strengthen your advantage, visit: www.3ds.com/solutions/automotive

Dassault Systèmes

Tel.: +33 1 61 62 61 62

10 rue Marcel Dassault

CS 40501

78946 Velizy Villacoublay Cedex

FRANCE

Integrated 3D Solution Brands:

CATIA

Virtual product design

SIMULIA

Realistic simulation

DELMIA

Virtual production

ENOVIA

Global collaborative lifecycle management

3DVIA

Online 3D lifelike experiences

Dassault Systemes Industry Services:

Your DSIS team provides experienced professionals worldwide, ready to help solve your diverse industry challenges. assess your current processes, and identify opportunities where industry best practices, or customized services, can add value and ensure the optimal return on your PLM investment.

Our OEM & supplier clients alike have benefited from improved productivity, reduced cycle time and development costs, greater flexibility, and enhanced product quality.

For more solution ideas, and services options, visit us at:

www.3ds.com/solutions/automotive



See What You Mean