



## TRANSPORTATION & MOBILITY **MODULAR, GLOCAL & SECURE**

Enhance vehicle modularization to simplify/master complexity  
across programs, teams and locations



### **HOW CAN MODULAR DEVELOPMENT ENABLE GLOBAL SYNERGY AND FULFILL LOCAL PRIORITIES ON A SECURE, MULTI-SITE PLATFORM?**

The new 'glocal' (global/local) vehicle development paradigm requires industry innovation leaders to multi-task design, engineering, manufacturing and production like never before. Not only does this require efficient management of multiple global vehicle programs, but effective flexibility to address local customization as well.

Modular Glocal & Secure 3DEXPERIENCE solutions provide an integrated, multi-discipline development platform to both accelerate global, modular vehicle programs and respond to strategic regional requirements, enabling your teams to minimize cost, maximize re-use, and simplify/master complexity across programs, teams & locations.

## ENHANCE VEHICLE MODULARIZATION TO SIMPLIFY/MASTER COMPLEXITY ACROSS PROGRAMS, TEAMS AND LOCATIONS



### Get comprehensive capabilities on a secure platform

Modular Glocal & Secure **3DEXPERIENCE** solutions help your teams define technical requirements from marketing analysis and the ideation process, nurture concepts to maturity, then effectively plan your vehicle portfolio and monitor glocal programs. Complexity is simplified with digital continuity between ideas generation and detailed specifications, leveraging one single repository for requirement definition and deliverables. Local market regulations and compliancy are also consolidated and managed within the same consistent referential.

### Optimize glocal programs for exceptional results

Reduce time-to-market and error rates by integrating global teams on a single source of truth with efficient program management. The versatile **3DEXPERIENCE** platform provides an enterprise program management system that helps standardize common business processes via customizable project templates. Management can then use project gate reviews and online dashboards to get insights on a project's likelihood for success, and its risks, issues, and requirements. Leaders can also align project deliverables with global portfolio requirements and ensure that product releases meet market, customer and product launch criteria.

### Modular architecture simplifies vehicle complexity

Modular Glocal & Secure solutions support the definition of conceptual product architectures to readily explore variable vehicle configurations, and define multiple potential solutions early in the concept phase. Integrated asset management capabilities provide glocal teams with a central enterprise repository to capitalize existing, successful solutions while promoting re-use of strategic assets. A flexible, modular architecture supports timely adaptation of global programs for local priorities.

### Simplify global/local configuration management

Industry innovators are challenged to improve the number and diversity of products for local markets, yet control the complexity and cost of the total amount of global variants and combinations. Modular Glocal & Secure solutions not only support sophisticated evolution and option configuration management, but can also minimize cost of variants via assessment of configuration and KPIs anytime during the product creation process.

### Master 3D integrated, work-in-process management

For optimal modular, glocal development you need the capabilities to design in the context of various global market requirements. Work-in-Process Management enables your teams to leverage configured Digital Mock-Up (DMU) to complete design/engineering in an online, collaborative environment for all functions with a single change process that supports product planning, engineering, manufacturing and supply chain collaboration.



### Leverage diversified enterprise digital assets

Strategic Engineering Bill of Material (EBOM) management capabilities enable a single enterprise-wide definition of software, electronic and mechanical product information. Flexible, configurable Manufacturing BOM management reduces manufacturing costs by identifying and resolving manufacturability issues early in the development process. These provide the right information to the right users at the right time.

### MODULAR, GLOCAL & SECURE SOLUTION BENEFITS:

- Provides an integrated, glocal, secure development platform
- Enables global program planning, local variable execution
- Unifies, enhances multi-disciplinary design and engineering
- Ensures global program consistency, visibility and traceability
- Simplifies multi-program complexity, optimizes productivity

## Our **3DEXPERIENCE®** platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE®** Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 170,000 customers of all sizes in all industries in more than 140 countries. For more details regarding **MODULAR, GLOCAL & SECURE** industry solutions, go to [www.3DS.COM/TRANSPORTATION](http://www.3DS.COM/TRANSPORTATION)

