



## **PSA Peugeot Citroën Improves Powertrain Digital Manufacturing Efficiency with Dassault Systèmes Solutions**

### ***Major Car Manufacturer Extends the Reach of DELMIA to Include Powertrain***

**VELIZY-VILLACOUBLAY, France – February 16, 2012** — Dassault Systèmes (Euronext Paris: #13065, DSY.PA), a world leader in 3D design, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions, today announced that PSA Peugeot Citroën has deployed DELMIA in its powertrain division, extending Dassault Systèmes' footprint in the digital manufacturing domain. Replacing solutions from the competition, DELMIA now supports assembly simulation, painting, factory layout, stamping and powertrain. PSA Peugeot Citroën works with the same tools and methodologies in all major departments of the group.

Within the last few years, PSA Peugeot Citroën has introduced key technological innovations for powertrain, including significant R&D investments to develop and market a new generation of engines and transmissions. For example, the group is starting the production of a new DCT (Dual Stock Transmission) gear box with a double clutch, involving Dassault Systèmes' DELMIA.

To support innovation and increase business agility, it is therefore crucial for PSA Peugeot Citroën to be able to make radical changes early in the powertrain manufacturing process without compromising the production schedule. DELMIA strongly contributes to this objective by ensuring high-level planning reliability along with optimized implementation times and costs. As a result, the group is able to master powertrain development times, reduce development and operating costs, optimize resources and investments, while improving quality. They also can perform economic simulations and evaluate production costs early in the development process.

"The Atrium project has enabled us to standardize what were, in the past, heterogeneous work methods throughout the group," said Emmanuel Chamouton, Powertrain, Digital Engineering and Metrology, PSA Peugeot Citroën. "This is an important step which today involves 400 users in over seven production sites. Thanks to years of close and successful cooperation between PSA and Dassault Systèmes in digital manufacturing, DELMIA now fully supports most of our manufacturing processes. Just nine months after implementation, we have already seen the benefits. The adoption of DELMIA in our powertrain division gives us a flexible and powerful solution, company-wide, that provides us with considerable advantages."

"The key success factors of the Atrium project were directly linked to DELMIA's capabilities in terms of performance in a multi-site context, reliability of the solution, as well as acceptance of the tool by the entire Atrium user community - from process engineers to shop floor workers - thanks to DELMIA's intuitive user interface," declared

Jean-Marc Daudet, Powertrain, Atrium Supervisory Staff Project Manager, PSA Peugeot Citroën. "The way change management has been managed by the project team was also key to the successful deployment of the solution."

"Following a successful experience with PSA in the Final Assembly domain, PSA had a high level of expectation for value in powertrain. Thanks to a strong collaboration between PSA and Dassault Systèmes, we have been able to confirm the high expectations in a short timeframe and we are very pleased with the value PSA is reporting," said Olivier Sappin, Vice President, Transportation & Mobility, Dassault Systèmes. "Dassault Systèmes strives to provide automotive companies with an integrated end to end powertrain solution to reach zero default from concept to manufacturing."

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#### **About Dassault Systèmes**

Dassault Systèmes, the 3D Experience 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 150,000 customers of all sizes in all industries in more than 80 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

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