

Cadence and Dassault Systèmes Partner to Transform Electronic Systems Development

Highlights:

- *Industry-leading solution for enterprise customers provides an end-to-end collaborative development environment for complex electronic systems*
- *Groundbreaking partnership leverages the Cadence Allegro platform and the Dassault Systèmes 3DEXPERIENCE platform to optimize the entire value chain for electromechanical systems modeling, design, simulation and product lifecycle management*
- *Companies in any industry can accelerate innovation and time-to-product realization to deliver competitive, smart and connected customer experiences*
- *Virtual twin experiences deliver a holistic and multidisciplinary view for supplier collaboration, simulation, manufacturing execution and supply chain execution excellence*

SAN JOSE, Calif., and VELIZY-VILLACOUBLAY, France, February 22, 2022—Cadence Design Systems, Inc. (Nasdaq: CDNS) and Dassault Systèmes (Euronext Paris: FR0014003TT8, DSY.PA) today announced a strategic partnership to provide enterprise customers in multiple vertical markets, including high tech, transportation and mobility, industrial equipment, aerospace and defense, and healthcare, with integrated, next-generation solutions for the development of high performance electronic systems.

The two companies have combined Dassault Systèmes' 3DEXPERIENCE platform with the Cadence® Allegro® platform in a joint solution that enables companies to master the multidiscipline modeling, simulation and optimization of complex, connected electronic systems. With this new multidisciplinary solution, customers can now accelerate their end-to-end system development process while optimizing their design for performance, reliability, manufacturability, supply resilience, compliance and cost.



Dassault Systèmes and Cadence have been engaged in a multi-year collaboration with leading customers to prove this solution in a global production environment.

The collaborative virtual twin experiences integrate capabilities for electronic and mechanical product lifecycle management, business process analytics and multidiscipline electronic systems development, engineering and traceability. This holistic virtual model provides a complete, real-time view of electrical and mechanical simulation, manufacturing and supply chain execution for the product lifecycle, improving decision-making and accelerating innovation, through “what-if” studies.

Products and services are increasingly interconnected and intelligent, enabling consumers, citizens and patients to unlock more personalized, engaging experiences that improve quality of life. In this dynamic context, companies must rapidly develop electronic systems that are safe, high quality and right the first time. Mastering electronic system complexity and cost/time-to-market pressures requires collaborative innovation that unites electronics, mechanics and additional functions across the value chain.

“Every industry is overwhelmed with product complexity due to electrification, security, connectivity, sustainability, AI/ML, cloud, supply chain/regulatory challenges and more,” said Tom Beckley, Senior Vice President and General Manager of the Custom IC & PCB Group at Cadence. “Cadence is the global leader for the design and analysis of complex IP, semiconductors, advanced IC packaging, PCBs and electrical systems. Combined with Dassault Systèmes’ powerful 3DEXPERIENCE platform, customers now have an opportunity to literally transform their enterprise inclusive of electronics, mechanical, manufacturing and product lifecycle management. We are excited about our strategic partnership with Dassault Systèmes, which enables electromechanical ‘virtual twin experiences’ for rapid product realization.”

“Connected electronic systems are raising the standards in all industries in the Experience Economy, where the value of a product comes from its usage. Companies must shift from ‘product thinking’ to ‘experience thinking’ in their development processes to deliver the experiences consumers want and to succeed in this economy,” said Philippe Laufer, Executive



Vice President Global Brands, Dassault Systèmes. “Our strategic partnership with Cadence will revolutionize the development of high performance electronic systems by enabling collaboration around virtual twin experiences.”

About Cadence

Cadence is a pivotal leader in electronic systems design, building upon more than 30 years of computational software expertise. The company applies its underlying Intelligent System Design strategy to deliver software, hardware and IP that turn design concepts into reality. Cadence customers are the world’s most innovative companies, delivering extraordinary products from chips to boards to complete systems for the most dynamic market applications, including hyperscale computing, 5G communications, automotive, mobile, aerospace, consumer, industrial and healthcare. For seven years in a row, Fortune magazine has named Cadence one of the 100 Best Companies to Work For. Learn more at www.cadence.com.

About Dassault Systèmes

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative 3D virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production. Dassault Systèmes brings value to more than 290,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com

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