

TactoTek® Collaborates with Dassault Systèmes to Bring the Injection Molded Structural Electronics (IMSE) Process to the 3DEXPERIENCE Platform

IMSE Design Solution Enables Designers and Engineers to Digitally Create the Next Generation of Consumer Electronic Experiences

OULU, FINLAND/PARIS, FRANCE (3 January 2018) [TactoTek®](#), the leader in Injection Molded Structural Electronics (IMSE) solutions announced that it is collaborating with [Dassault Systèmes](#) to enable users of the 3DEXPERIENCE platform to digitally experiment with TactoTek IMSE parts. This will empower designers and engineers from Automotive, Home Appliances, Industrial and Wearable Electronics leaders to accelerate the development of their next generation consumer electronic experiences.

Consumers want to be delighted, surprised, and projected into new experiences, yet differentiation is a continuous challenge for brands. TactoTek's IMSE solutions integrate printed electronics including circuitry, touch controls and antennas, with discrete electronic components such as LEDs for illumination, into 3D injection molded structures. IMSE parts are light, and can be thinner than 2 mm; meanwhile, electronics are protected because they are fully-encapsulated in injection molded plastics.

Using the 3DEXPERIENCE platform as a foundation for IMSE-specific engineering processes, designers and engineers can digitally create, simulate and test the real-world behavior of innovative IMSE parts in a collaborative 3D environment, and benefit from TactoTek validated IMSE design know-how. This integrated, digital approach will help to streamline the development of lighter, more durable and more space efficient control panels in cars, on home appliances, and on other consumer electronics.

“The 3DEXPERIENCE platform with the integrated IMSE solution provides an integrated design and simulation environment, enabling a tight collaboration between electronics and mechanical design and simulation teams, reducing the number of iterations by a factor, and better predicting the final resulting quality,” said **Philippe Laufer**, CEO, CATIA, Dassault Systèmes. *“These are all important factors to invent sustainable future disruptive experiences and accelerate their time to market.”*

“Today TactoTek partners with our customers to adapt their designs, typically conceived based on the manufacturing constraints of traditional electronics, into mass producible IMSE products,” said **Jussi Harvela**, TactoTek CEO. *“Incorporating TactoTek design parameters into Dassault Systèmes' 3DEXPERIENCE platform will unleash designers' creativity and help them realize even more of the potential of IMSE technology — we expect to see rapid design innovation that will further accelerate IMSE solution adoption.”*

TactoTek will join Dassault Systèmes' booth #8300 in the North Hall, at the upcoming CES 2018 in Las Vegas, Nevada.

About TactoTek

TactoTek is a leading provider of solutions for Injection Molded Structural Electronics (IMSE) that integrate printed circuitry and electronic components into 3D injection molded plastics. Leading use cases include in-vehicle applications, home/industrial appliances, and wearable technology. TactoTek adapts customer designs to IMSE

technology, develops mass production ready prototypes, and mass produces or licenses the technology for 3rd party mass production. TactoTek is funded by Conor Venture Partners, Faurecia Ventures, VTT Ventures, Leaguer VC, private angels, TEKES, and European Union's Horizon 2020 Research and Innovation Programme. For more information, please visit www.tactotek.com.

About Dassault Systèmes

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 220, 000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.

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Media kit available at:

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