



Altair Expands Thermal Capabilities for Electronics; Acquires TES International's Software, Hires Key Technologist

February 21, 2018

ElectroFlo CFD Software broadens HyperWorks® platform capabilities for electronics design

TROY, Mich., Feb. 21, 2018 (GLOBE NEWSWIRE) -- [Altair](#) (ALTR), developer of the popular [HyperWorks](#) computer-aided engineering software suite, has acquired Michigan-based [TES International's](#) technology, intellectual property, and other assets. TES was founded in 1994 to service the "electronics cooling" market, and provides cross-industry software solutions for thermal design and packaging, custom programming, general heat transfer, stress and vibration analysis, and computational fluid dynamics (CFD). Their main CFD software, ElectroFlo, is an electronics cooling package designed for high power-density applications.

"As an advanced electronics thermal management software package, ElectroFlo is fundamentally based on a multiphysics and multi-discipline solution methodology," said Dr. Ben Zandi, former Founder, Chairman & CTO at TES International, now VP of Software Development for Thermal Solutions at Altair. "For this reason Altair, with its unmatched offering of innovative technologies, provides the ideal environment for ElectroFlo to flourish. Combining it with AcuSolve can provide thermal solutions for applications with complex flow interactions, while coupling with Altair's Electromagnetic Compatibility (EMC) and Electronic Design Automation (EDA) technologies will provide users a broad set of solutions for electronic applications."

ElectroFlo is an efficient thermal analysis software that combines the power of coupled thermal/electrical analysis with a user-friendly graphical interface to provide solutions for complex problems. It incorporates coupled thermal/electrical algorithms, improving analysis results accuracy for systems containing wires and traces. The software can be used to simulate electronics ranging from components and printed circuit boards to full systems, and is particularly useful for designing high-current applications.

"ElectroFlo is a great extension to our thermal simulation portfolio," said Dr. Uwe Schramm, CTO at Altair. "There is a lot of synergy with AcuSolve 3D CFD which has been widely used for thermal management in a multitude of use cases. Having Dr. Zandi on board will accelerate our work in a number of areas, including electronics applications supported with electromagnetics simulation using Flux and FEKO."

About Altair (Nasdaq: ALTR)

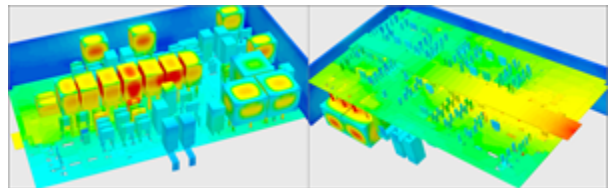
Altair is focused on the development and broad application of simulation technology to synthesize and optimize designs, processes and decisions for improved business performance. With more than 2,000 employees, Altair is headquartered in Troy, Michigan, USA and operates 69 offices throughout 24 countries. Altair serves more than 5,000 customers across broad industry segments. To learn more, please visit www.altair.com.

Media Contacts

Altair Corporate/North America/Asia Pacific
Biba A. Bedi
+1-757-224-0548 x 406
biba@altair.com

Altair Europe/the Middle East/Africa
Evelyn Gebhardt
+49-6421-9684351
gebhardt@bluegecko-marketing.de

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/f607741e-41e9-4c8b-907d-df372d8c50b0>



ElectroFlo's applications range from consumer electronics to automotive, like the Bussed Electrical Center (BEC) shown here

