



## Electromagnetics Software Release Targets e-Mobility and Communications Markets

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### Network planning and low/high-frequency software speeds development of smart connected systems and electric motors

TROY, Mich., May 02, 2018 (GLOBE NEWSWIRE) -- [Altair](#) (Nasdaq:ALTR) has released the 2018 versions of leading electromagnetic (EM) simulation software FEKO®, WinProp®, Flux® and FluxMotor®. These electromagnetic solver tools, part of Altair's HyperWorks®, The Platform for Innovation™, are widely used to accelerate the global design process for the automotive, aerospace, defense, communications, consumer electronics, energy, and healthcare industries.

 [ACC Radar System](#)

Adaptive Cruise Control (ACC) Radar System in a Bumper  
with Paint Layer

"We are excited by the latest release of our electromagnetic tools to support our customers as they move toward broad deployment of products relevant to e-mobility and communications, Industry 4.0 and the Internet of Things. The range of applications covers electromagnetic problems across the whole frequency range from DC into THz, integrated within Altair's multiphysics modeling environment for multidisciplinary system optimization," said Ulrich Jakobus, Senior VP for EM Solutions at Altair.

The rich set of features in the 2018 release of the HyperWorks electromagnetic simulation solutions portfolio broadens functionality, simplifies workflows, and enhances the user experience. For example, a novel workflow has been implemented in [FEKO 2018](#), that facilitates characterizing multi-layered dielectrics. With this, transmission loss and bore-sight error can be computed for arbitrarily shaped radomes more efficiently and with greater flexibility than ever before. Another example is the addition of new features in [Flux 2018](#) bringing new capabilities for CAD geometry simplification and meshing, improving workflow, and increasing flexibility with the ability to solve faster in 3D using new HPC resources.

Long-term Flux customer Valeo, is a leading automotive supplier working on e-mobility. "After a short online presentation, I was able to connect my Flux project to HyperStudy optimization software and obtain my first results in 30 minutes. I was very pleasantly surprised," notes Jean-Claude Mipo, Advanced Technology Manager at Valeo.

Watch the complete [webinar series](#) to learn more about applications from smart control design to powertrain electrification and vehicle architecture studies, and how Altair's solutions enable multidomain optimization throughout the product development cycle.

#### About Altair (Nasdaq:ALTR)

Altair transforms design and decision making by applying simulation, machine learning and optimization throughout product lifecycles. Our broad portfolio of simulation technology and patented units-based software licensing model enable Simulation-Driven Innovation™ for our customers. 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](http://www.altair.com).

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A photo accompanying this announcement is available at <http://resource.globenewswire.com/Resource/Download/1558eb10-1b90-4ead-9cd2-5481ff1418a4>

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