

e-Xstream Engineering's Digimat Virtual Allowables (VA) Solution Wins Innovation Award at CAMX 2015

LUXEMBOURG (November 24, 2015) – [MSC Software Corporation](#) today announced that e-Xstream engineering's [Digimat-VA](#) ("Virtual allowables"), winner of the [JEC](#) Innovation Award 2015, has now been named a top innovation in the Equipment and Tooling Innovation Manufacturing Category of the **Awards for Composites Excellence (ACE)** at **CAMX** (the Composites and Advanced Materials Expo created by [ACMA](#) and [SAMPE](#) to connect and advance all aspects of the world's composites and advanced materials communities) in Dallas, Texas.

"We are very proud to be recognized by CAMX for our Virtual Allowables product," says Roger Assaker, CEO of e-Xstream and Chief Material Strategist for MSC Software. "Digimat-VA is a result of strong R&D focus on the modeling of continuous fiber composites (CFRP) for the Aerospace and Automotive Industries." "Today, our solution for continuous fiber composites perfectly complements our solution dedicated to chopped fiber composites, and delivers on our strategy aimed at offering customers a holistic solution for multi-material lightweight design."

Continuous fiber reinforced composites (CFRP) are increasingly used in the aerospace and automotive industry to cope with lightweighting challenges and meet high performance standards. Thanks to their unique combination of stiffness, strength and density, CFRPs open up new design possibilities to engineers. However this material potential comes with a price to pay: the significant cost and time needed to characterize the composite behavior. Extensive physical characterization is required to control the variability of the material and understand the widespread of properties achievable through layup choice. There is a need to reduce the amount of physical testing required to grasp the whole picture of a given material system. [Digimat-VA](#) helps Material & Process Engineers and Stress Analysts to generate the allowables they need virtually using state-of-the-art Multiscale Progressive Failure Analysis and nonlinear FEA encapsulated in a user-friendly interface.

Digimat, the nonlinear, multi-scale material and structure modeling platform, is relied upon by major Material Suppliers, Tier1s and OEMs worldwide. For more information about Digimat-VA please visit: <http://www.virtualallowables.com>