

Media Alert:

ESI to Present its Smart Virtual Prototyping solutions at the Daimler EDM CAE Forum 2017 in Germany

With a focus on Virtual Reality, Cloud, Big Data, and Autonomous Driving

Who? [ESI Group](#) is a leading innovator in [Virtual Prototyping](#) software and services for manufacturing industries. Specialist in material physics, ESI has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtual prototypes, allowing them to virtually manufacture, assemble, test and pre-certify their future products. ESI's virtual reality solution [ESI IC.IDO](#) offers engineers an interactive and immersive 3D experience of their products or projects before they even exist.

What? From July 19 to 20, 2017, ESI will take part in the [EDM CAE Forum 2017](#) in Stuttgart, Germany. Organized by Daimler AG, the event gathers every 2 year experts from the Engineering Data Management (EDM) and the Computer-Aided Engineering (CAE) communities and includes presentations from various clients, partners and suppliers. The conference and exhibition attracts around 6,000 visitors worldwide.



Image: The Daimler EDM CAE Forum 2017 in Germany is a key meeting for the EDM and CAE communities worldwide

This year, ESI will showcase the latest trends in simulation and manufacturing and how to address the challenge of delivering more innovative and smarter products at a lower cost,

faster, and with increased reliability. Starting with ESI IC.IDO, its interactive and collaborative Virtual Reality solution. **André Rückert**, Innovation Manager at ESI Group, will present a paper on how IC.IDO can safeguard worker health and safety during manufacturing by addressing human factors upfront during the planning processes. He will detail how IC.IDO's capabilities can be combined with [RAMSIS](#) solution to benefit the user experience. His talk will channel ESI's vision of the user as an integral part of the simulation as s/he actively experiences realistically simulated product behavior. ESI will conduct live demonstrations, in the exhibition hall of the Daimler EDM CAE Forum 2017, of the upcoming release of IC.IDO – featuring the RAMSIS integration – using real design data in a manufacturing environment.

On ESI's booth (I10), visitors will have the opportunity to receive some technical insights on ESI's latest technologies and innovations with a presentation on Big Data and the lightweight industrial data analysis platform with smart controls and decisions. The ESI team will also demonstrate the benefits of Immersive Virtual Engineering for enterprises. To bring Virtual Engineering and Virtual Build tasks to a broad audience who might not have access to the facilities required for Virtual Reality powered engineering applications, ESI created a groundbreaking cloud project: VRify. Companies that employ a VRify on-premise cloud will open the potential to stream Virtual Integration tasks and work product to a variety of devices and platforms throughout their enterprises for collaboration and immersive review.

Meanwhile, ESI will also showcase its autonomous driving solution [ProSiVIC](#): a virtual prototyping platform that allows users to carry out physically realistic 3D simulations of environments and sensors, like those used in Advanced Driver Assistance Systems (ADAS), including infrastructures, road users, vehicle dynamics and multi-technology perception sensors, in a completely virtual environment.

For more information about Daimler EDM CAE Forum 2017, please visit: www.esi-group.com/company/events/2017/daimler-edm-cae-forum-2017

When? 19-20 July 2017

Where? Stuttgart, Germany

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About ESI Group

[ESI Group](#) is a leading innovator in [Virtual Prototyping](#) software and services. Specialist in material physics, [ESI](#) has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtual prototypes, allowing them to virtually manufacture, assemble, test and pre-certify their future products. Coupled with the latest technologies, Virtual Prototyping is now anchored in the wider concept of the *Product Performance Lifecycle*, which addresses the operational performance of a product during its entire lifecycle, from launch to disposal. The creation of *Hybrid Virtual Twins*, leveraging simulation, physics and data analytics, enables manufacturers to deliver smarter and connected products, to predict product performance and to anticipate maintenance needs.

ESI is a French company listed in compartment B of NYSE Euronext Paris. Present in more than 40 countries, and addressing every major industrial sector, [ESI Group](#) employs about 1200 high-level specialists around the world and reported annual sales of €141 million in 2016. For more information, please visit www.esi-group.com.

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