



Paris, France, June 14, 2012

ESI is the pioneer and world-leading solution provider in virtual prototyping.

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ESI opens new offices on the Ter@tec Campus, a site dedicated to Simulation and High Performance Computing

A strategic location for collaboration with leading industrial companies to accelerate the development of HPC

Paris, France – June 14, 2013 – [ESI Group](#), pioneer and world-leading solution provider in [Virtual Prototyping](#) for manufacturing industries, announces the opening of new offices on the [Ter@tec Campus](#), the largest computing center in Europe, based just outside Paris. This new location will bring proximity to work hand in hand with industrial and R&D companies in the field of [High Performance Computing \(HPC\)](#); contributing to the development of HPC technologies.

The Ter@tec Campus has already attracted major industrial and R&D companies, of small and large sizes. [BULL](#) and the [French Atomic Energy Committee](#) (or CEA) have set up a Laboratory for Extreme Computing, while [Intel](#), [Genci](#), the [University of Versailles](#) and the CEA have opened an Exascale Computing Research center, facilities respectively aimed at developing innovative HPC architectures and increasing software performance to enable more efficient, more powerful simulation solutions. The Ter@tec Campus is also home to the CEA's [Très Grand Centre de Calcul](#) (Very Large Computing Center), an essential tool for conducting research in the fields of computing and simulation.

Today, ESI is actively involved in several collaborative supercomputing projects, hosted by [IRT System X](#) and based at the Ter@tec Campus. ESI also took part in the [“Complex Systems Design Lab”](#) project, led by the Systematic Paris Region competitiveness cluster. Completed in September 2012, this research project gave birth to a comprehensive cloud environment for Virtual Product Engineering, enabling collaborative decision making by providing robustness criteria and possible tradeoffs between different product design options.

Vincent Chaillou, COO, ESI Group, explains the importance of supporting the progresses of HPC technologies in order to support Big Data simulations: *“ESI customers around the globe use Virtual Manufacturing to predict the cause and effect relationships taking place in the manufacturing of each component, sub-assembly and assembly to achieve a full end-to-*



end Virtual Prototype of their product. ESI clients can then enter an optimization strategy, which involves increasingly larger models and consequentially larger size calculation! The rapid evolution of High Performance Computing is key to support the development of Virtual Product Engineering.”

On June 20th, 2013, **Alain de Rouvray**, CEO, ESI Group, and **Vincent Chaillou**, COO, ESI Group, joined by key customers from the automotive, aerospace and heavy industry, partners and investors, will inaugurate ESI’s new office space. After the ceremony, ESI will offer a live demonstration of its [Virtual Reality solution](#), IC.IDO. This solution is used by manufacturers across many industries to improve the design of new products, eliminating design errors early in the design process. Thanks to [IC.IDO](#), engineers can perform collaborative engineering reviews, evaluate and optimize assembly and disassembly sequences, verify resources and tooling for both manufacture and maintenance, and support documentation and training; all before any part of the product is made. A Virtual Reality installation, providing an immersive and interactive experience, will be located permanently in ESI’s offices at [Ter@tec Campus](#) and benefit diverse HPC projects.

On June 25th & 26th, ESI will participate in the 8th [Ter@tec Forum](#), an event dedicated to the development of numerical simulation methods and HPC. Held every year at the [Ecole Polytechnique](#) in Palaiseau, this event regularly attracts over a thousand participants. On June 26, 2013, **Etienne de Pommery**, Business Development Director for Aeronautics, ESI Group, will co-chair with **Vincent Cousin** from Advancity a Workshop, entitled “*Modeling and simulation to support sustainable cities*”. Workshop chairs and attendees will collectively attempt to determine how modeling and simulation can be applied to the transformation of cities.



Image: ESI’s Virtual Reality solution, IC.IDO, is a powerful simulation solution that enables decision-makers to experience a product as real, and in real time.



*Image: The 4 acres large Ter@tec Campus
is based in Bruyères-le-Châtel, just South of Paris.*

About ESI Group

[ESI](#) is a pioneer and world-leading provider in Virtual Prototyping that takes into account the physics of materials. [ESI](#) boasts a unique know-how in Virtual Product Engineering, based on an integrated suite of coherent, industry-oriented applications. Addressing manufacturing industries, Virtual Product Engineering aims to replace physical prototypes by realistically simulating a product's behavior during testing, to fine-tune fabrication and assembly processes in accordance with desired product performance, and to evaluate the impact on product use under normal or accidental conditions. [ESI](#)'s solutions fit into a single collaborative and open environment for End-to-End Virtual Prototyping. These solutions are delivered using the latest technologies, including immersive Virtual Reality, to bring products to life in 3D; helping customers make the right decisions throughout product development. The company employs about 1000 high-level specialists worldwide covering more than 40 countries. [ESI Group](#) is listed in compartment C of NYSE Euronext Paris. For further information, visit www.esi-group.com.

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