

ESI Represents Digital Transformation within the French Program “*Industry of the Future*”

Enabling Industrial Competitiveness Thanks to its Virtual Prototyping Software

Paris, France – September 5, 2016 – [ESI Group](#), leading innovator in [Virtual Prototyping](#) software and services for manufacturing industries worldwide, announces its participation in the “*Industry of the Future*” program, led by the French government. ESI will provide its unique capabilities in support of the digitalization of the industry, virtualization, and the Internet of Things. Notably ESI’s [Virtual Reality](#) solution, [IC.IDO](#), perfectly illustrates how digital technologies can be used to increase industrial competitiveness from product design to product development, product marketing, maintenance, and to optimize production.

On May 23, the French Minister of the Economy, Industry and Digital Affairs, Emmanuel Macron, celebrated the first anniversary of this program, a pillar of the broader [New Industrial France](#) project. The French government has allocated €1.9 billion in funding to support the development of a cutting-edge technological offering, with a focus on the following:

- Digitization, virtualization and the Internet of Things
- Man’s place in the factory, robotics, enhanced reality
- Additive manufacturing (3D printing)
- Monitoring and control
- Composites, new materials and assembly
- Automated systems and robotics



Image: The French Minister of the Economy, **Emmanuel Macron**, accompanied by **Muriel Pénicaud**, Ambassador Delegate for International Investments, General Manager of Business France, experience the ESI IC.IDO Virtual Reality solution at the launch of the [CREATIVE INDUSTRY](#) campaign at the Hanover Fair on April 26, 2016.

The “*Industry of the Future*” program cites ESI, with its extended offering in Virtual Prototyping software, as an example of these technological developments. Founded in France in 1973, the company forged a unique expertise in material physics and simulation of manufacturing and assembly processes, including for composite materials which are now widely used to lighten the structural weight of transport on the road or in the skies. ESI offers Virtual Prototyping solutions that enable industrial manufacturers to test their products and manufacturing processes virtually and collaboratively. Allowing for more affordable and faster innovations, Virtual Prototyping gives ESI customers a major competitive advantage.

Over the years, ESI has succeeded in growing its technological offering based on the evolving needs of its clients, across various industrial sectors. Last year, for example, ESI opened a Center of Excellence to support the growing demand for simulation solutions specifically tailored for metal Additive Manufacturing. To support the development of 3D printed parts in the aeronautic sector, ESI recently joined forces with Airbus and numerous German industrialists to create the [Aerospace Factory for Additive Manufacturing](#), which was inaugurated in April at the Ludwig Bölkow Campus ([LBC](#)) in Munich.



Image: Vincent Chaillou, COO of ESI Group (Far left) and partners inaugurate the Airbus Aerospace Factory in Munich. Image: Airbus Group.

Today, ESI’s digital innovations are at the forefront of the initiative “*Industry of the Future*”; especially ESI’s Virtual Reality solution [IC.IDO](#). That solution allows industrial manufacturers to give life to the virtual models of their products and to test them in immersive 3D, in real time and at full scale, before



a single prototype is made. With this interactive and collaborative technology, industrialists can detect potential design problems very early in the development process and avoid errors that are costly in time and money. They can also make use of Virtual Reality for simulating assembly and disassembly sequences, in order to increase productivity, or for training purpose, as it's the case at [Aerocampus](#), Europe's largest training center dedicated to aerospace maintenance. The benefits brought by digital technologies have become tangible and these fast evolving methods have been implemented by the best-in class industrial organizations.

Download the [press kit](#) (in French) on "la Nouvelle France Industrielle".

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ESI Group – Press Relations

[Céline Gallerne](#)

+33 1 41 73 58 46

For information in other languages, please do not hesitate to contact our press officers worldwide:

North America

[Natasha Petrous](#)

+1 248 3818 661

Germany, Austria, Switzerland

[Alexandra Lawrenz](#)

+49 6102 2067 183

South America

[Daniela Galolfo](#)

+55 11 3031 6221

China

[Yuxiang Guo](#)

+86 (0)10 18500685938

Italy

[Maddalena Marinucci](#)

+39 051 633 5577

Japan

[Nozomi Suzuki](#)

+81 363818486

France

[Gaëlle Lecomte](#)

+33 4 7814 1210

Spain

[Monica Arroyo Prieto](#)

+34 914840256

South Korea

[Gyeong Hee Lee](#)

+822 3660 4507

Eastern Europe

[Lucie Sebestova](#)

+420 511188875

Russia

[Natalia Nesvetova](#)

+7 343 311 0233

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 virtually replicating the fabrication, assembly and testing of products in different environments. Today, coupled with Virtual Reality, animated by systems models, and benefiting from data analytics, [Virtual Prototyping](#) becomes immersive and interactive: ESI's clients can bring their products to life, ensuring reliable performance, serviceability and maintainability. ESI solutions help world-leading OEM's and innovative companies in making sure that their products will pass certification tests, before any physical prototype is built, and that they will deliver competitive products to their markets. ESI's Virtual Prototyping solutions address the emerging need for products to be smart and autonomous and support industrial manufacturers in their digital transformation.

Today, [ESI's](#) customer base spans nearly every industry sector. The company employs about 1100 high-level specialists worldwide to address the needs of customers in more than 40 countries. For more information, please go to www.esi-group.com.

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