



## **SHORT PROFILE**

### **ESTECO**

ESTECO is an independent technology provider that delivers first-class software solutions aimed at perfecting the simulation-driven design process. With more than 15 years' experience, the company specializes in customer-focused solutions for numerical optimization, CAE integration, process automation and simulation data management, and supports over 300 international organizations in designing better, more efficient products across a wide spectrum of industrial sectors.

### **VOLTA**

VOLTA is a web-based, collaboration environment that orchestrates simulation data and multidisciplinary business processes enabling conscious decision-making and innovative product development. By offering the best of ESTECO technology and expertise, VOLTA helps manage all cross-functional concurrent design steps by integrating multiple modeling formats. Its service-oriented architecture facilitates the execution, sharing and re-use of enterprise engineering knowledge.

### **modeFRONTIER**

modeFRONTIER, the company's original optimization solution, is a multidisciplinary and multiobjective platform that streamlines the engineering process through the use of innovative algorithms and integration with leading simulation software. In numerous industries, modeFRONTIER has become essential to increasing the understanding of cost/performance factors and reducing product development time.

For further information please visit: [www.esteco.com](http://www.esteco.com)



## **EXTENDED PROFILE**

### **THE COMPANY**

ESTECO SpA is specialized in the research and development of engineering software solutions for design optimization and for the integration of all stages of the design and simulation process.

The company was founded in 1999 by three engineers - Carlo Poloni, Luka Onesti and Enrico Nobile - who decided to turn their knowledge, acquired within the framework of a EU-funded optimization project, into a successful commercial product.

ESTECO technology is used across a wide range of industrial sectors - from aerospace to materials science, from automotive to chemical - as well as academic institutions and research centers. By delivering flexible, state-of-the-art and customized software that satisfy the demands and standards of design engineers, ESTECO has grown steadily over the years, receiving numerous acknowledgements from both Italian and global markets. Its internationalization strategy has brought it closer to different clients and markets due to its distribution network based on local hubs and qualified partners engaged in support and sales activities in the USA, Europe, Brazil, Japan and South East Asia.

The company's headquarters are located in the AREA Science Park in Trieste (Italy), with offices in North America and India.

### **INNOVATION-ORIENTED COMPANY**

The company's strengths lie in its orientation towards, and reliance on, research and continuous investment in young, highly educated, skilled staff. ESTECO has managed to maintain its prominent position in the world of engineering by closely following current and emerging trends and exploring new frontiers in the application of engineering optimization tools.

ESTECO's philosophy is reflected in its cooperation with some of the world's most prestigious research and scientific institutes and universities, such as the Milan Polytechnic University, Stanford University, the Georgia Institute of Technology, Columbia University, Yokohama National University, DLR (German Aerospace Center), the Institute of Computing Technology (China), INRIA (French National Institute for Research in Computer Science and Control) and many others.

The company's technology is distributed throughout the world by a network of qualified channel partners who provide professional local service and expert support. ESTECO has developed solid alliances with numerous independent software and hardware vendors means our state-of-the-art software is fully integrated with the most commonly used engineering tools.

### **CLIENTS**

ESTECO engineering software is used by more than 300 international organizations, including Alenia Aermacchi, Bombardier Transportation, Cummins, Daimler, Embraer, FIAT, Ford Motor Company, Honda R&D, Jaguar Land Rover, Piaggio, Whirlpool and Volvo Car Corporation.

### **MANAGEMENT**



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Company management is as follows: Carlo Poloni - President, Luka Onesti - CTO and Enrico Nobile - Scientific Advisor.

## **PRODUCTS**

ESTECO first-class technology, used worldwide, inspires decision making, increases design simulation tool efficiency and accelerates product innovation.

As a desktop solution, **modeFRONTIER** is a multidisciplinary and multiobjective optimization platform. It streamlines the engineering process through the use of innovative algorithms and integration with leading simulation software. In numerous industries, modeFRONTIER has become essential to increasing the understanding of cost/performance factors and reducing product development time.

As an enterprise solution, **VOLTA** is a web-based, collaboration environment that orchestrates simulation data and multidisciplinary business processes enabling conscious decision-making and innovative product development. By offering the best of ESTECO technology and expertise, VOLTA helps manage all cross-functional concurrent design steps by integrating multiple modeling formats. Its service-oriented architecture facilitates the execution, sharing and re-use of enterprise engineering knowledge.