Your Expert Partner in Systems Modeling and Simulation
Dedicated to Simulation
Dedicated to Open Standards

1. Choose Your Library
Our industry leading suite of libraries, built on the Modelica standard, deliver state-of-the-art system models for a wide range of industries including automotive, aerospace, industrial equipment, and energy and process. The Modelon Library Suite is currently compliant to operate in Dymola, OPTIMICA, Twin Builder, SimulationX, IGNITE, and MapleSim.

2. Test and Simulate
Our creator suite is a powerful platform solution used for the creation, automation, simulation and optimization of system behaviors and quality assurance throughout the model-based design cycle.

3. Deploy Your Model
Our comprehensive suite of deployment products, built on the FMI standard, enables users to rapidly deploy and integrate system models across multiple platforms, varying tools, and organizations.

Modelica is a non-proprietary, object-oriented, equation-based language to conveniently model complex physical systems. FMI is a tool independent standard to support both model exchange and co-simulation of dynamic models using a combination of xml-files and compiled C-code.
Comprehensive Service
From Concept to Operation

Our team offers comprehensive consulting and support services, enabling your organization to deliver innovative solutions. Modelon engineers are proven experts in multi-domain system simulations and model integration for flow, thermal, mechanics and electronics analysis. A single multi-domain model created by Modelon can be used for all phases of a product’s lifetime – from concept through the product development cycle to sales and maintenance. Email sales@modelon.com for service options best suited to meet your needs.

- **Project Consulting**: Modelon experts can help build models, perform simulations, optimize designs, and develop a workflow for virtual testing that is specific to your needs.

- **Model Industrialization**: Modelon experts can help upgrade your legacy models, improve the quality of your code-base, and implement quality assurance measures.

- **Technology Deployment**: Modelon experts can help establish a design optimization workflow early in the product development process, when it delivers the most value.

- **Strategy & Guidance**: Modelon experts can provide benchmarking reports, assist with project preparation, and help integrate simulation into management and processes.
Our Growing Industry Footprint

Unleashing the power of our simulation software created by industry experts for Industry experts.

Energy & Process
- Chemical and gas
- Power
- Processing
- Utilities

Automotive
- Electric vehicles
- Heating, ventilation, and air conditioning
- Motorcycles
- Other transportation systems
- Motorsports

Industrial Equipment
- Fabricated metal products
- Heavy machinery
- Industrial manufacturing
- Mechanical power
- Robotics

Aerospace
- Aircraft
- Sub-systems
- Propulsion
- Space Systems

Training

Modelon offers standard and custom training courses to meet individual needs. Our expert-led courses are an efficient way for users at different levels, from beginner to advanced, to improve their skill and increase their day-to-day productivity.

Users can expect training sessions to offer a mix of lectures, demos, and hands-on learning to ensure that each topic is both explained and practiced. Contact training@modelon.com for personalized training options. Courses are offered all over the globe, at each regional location.
Meet Modelon

Modelon provides software solutions and expert services to organizations that use model-based simulation tools to design and develop technical systems. Modelon’s libraries, solver, and deployment solutions are leading products available in the market today for modeling, simulation and optimization. Our products enable companies to focus on delivering a unified picture of product system interaction and performance – from product concept to operation.

Modelon is an industry leader in model-based systems engineering with a goal of advancing open-standard technologies, allowing customers to leverage their tools of choice and share models throughout the product development cycle. Today, we serve a clientele base across a wide range of industry sectors which include some of the largest companies in the world.

Our Commitment

“We are committed to deliver on the promises of open-standard technologies – enabling any organization to effectively leverage common code system simulation solutions to design and operate their technical systems. We have built and are continuing to build excellence in solutions and teams for simulation based systems design needed to serve any client.”

Magnus Gäfvert, Chief Executive Officer
Reach Us

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Modelon provides full portfolio solutions world wide.

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