

solutions partner: **SIMULIA**

Abaqus SOLUTIONS FOR THE ENTIRE RANGE OF INDUSTRIES

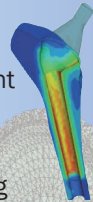
Consumer Packaged Goods

Plastic and Glass Forming
Conveyor Systems
Container Drop
Pressure Analysis
Thermal Analysis
Bottle Sealing
Adhesives



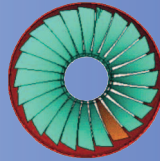
Life Sciences

Tissue Modeling
Surgical Equipment
Stents
Drug Delivery
Orthopedics
Medical Packaging



Aerospace & Defense

Avionics
Landing Gear
Aerostructures
Aeroengines
Composites
Defense Systems
Space Systems



Automotive & Transportation

Chassis
Body
Tires
Interiors
Crashworthiness
Brake Systems
Powertrain
Electronics



High Tech

Thermal cycling of solder joints
Drop Testing
Vibration Analysis
Semiconductors
Circuit Boards
Hand-held Devices
Computers & Peripherals



Architecture & Construction

Earthquake loading
Structural integrity due to fire
Concrete analysis
Soil-pore interaction
Failure limits



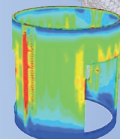
Industrial Equipment

Nonlinear Stress Analysis
Thermal Analysis
Cyclic Loading
Flexible Multibody
Dynamics
Soil-Structure
Interaction



Energy

Wave loading on rigs and pipelines
Piping and pressure vessels
Thermal analysis
Blast loading
Drop or Impact



team & location

Exemplar's experienced team operates in the field of innovative services to companies by selling the software products for PIDO & CAE of the most important international software houses. Exemplar is located in Torino (Italy) and also linked to other Universities, emphasizing the strong connection between Exemplar and the world of Research and Technological Innovation.

OPERATIONAL LOCATION

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TORINO

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engineering services

support

training

software development

innovative software sales

EXEMPLAR OPERATES IN THE FIELD OF INNOVATIVE SERVICES TO COMPANIES.

EXEMPLAR SUPPLIES SOLUTIONS WITH A HIGH ADDED VALUE, FOR EXAMPLE THE TRAINING WITH THESE TOOLS AND METHODOLOGIES MADE EXCLUSIVELY BASED ON SPECIFIC CUSTOMER REQUIREMENTS AND IT REALIZES DEVELOPMENT AND DEDICATED SOFTWARE.

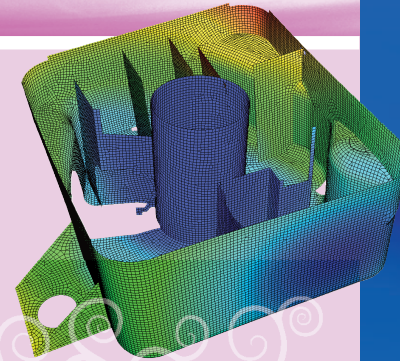
engineering services

Linear Static & Dynamic Analysis
Non Linear Analysis
Fatigue Analysis
Multi-body Analysis
Fluidodynamic Analysis
Thermal Analysis

Stochastic Analysis
Multidisciplinary Optimization
Composite Analysis
Crash
Acoustic Analysis
Customization: DMAP, API & PCL Integration

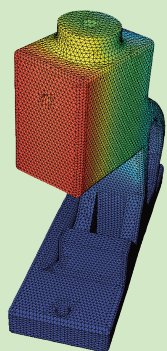
PROCESS INTEGRATION

We analyze the data flow of your process and we individuate the solutions in order to automate, integrate and optimize it. For this purpose we take advantage of the technologies of Engineous Software and of our vertical software developments (Stochastic Design Improvement).



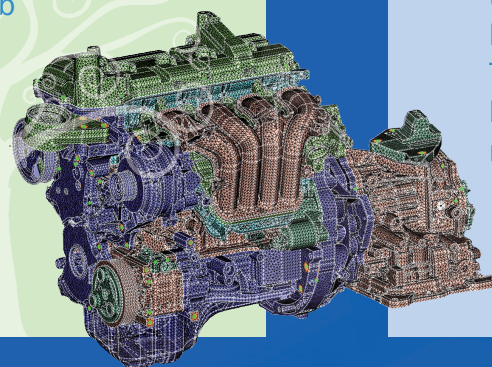
training

Exemplar organizes training on software solutions supplied to companies and on innovative methodologies offered to customers.



Pre/Post-Processing Tools
Linear Analysis
Non-Linear Analysis
Dynamic Analysis
Optimization Analysis
Composite Materials
DMAP
Aeroelasticity Analysis
Superelement Analysis

Acoustic Analysis
Advanced 3D Meshing Tool - SimLab
Durability Analysis
Fluidodynamic Analysis
Thermal Analysis
Multidisciplinary Optimization
TRAINING on the JOB
KNOW-HOW Transfer

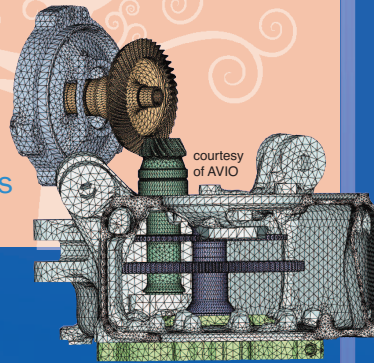


innovative software sales

The development of a solid network of strategic alliances combined with the experience and the knowledge of our professional skills enables us to answer the requests of our customers in the best way. With our deep knowledge of the strengths of the products available on the market we have chosen the Partners that permit to achieve quickly concrete results with the right tools.

OUR PARTNERS

Simulia
RecurDyn FunctionBay
Safe Technology
Visual Collaboration Technologies



software development

Exemplar supplies solutions of cutting-edge technological content thanks to the reliable experience of a consolidated team.

iDA Intelligent Decision Advisor
AISO Artificial Immune System Optimization AISO
ExeMorpher
ExeComponent4Nastran
ExeComponent4PTermal
ExeComponent4PBS

Custom Webtop
Aero Tools
Nastran DMAP
Patran PCL
Femap Customization (API)
Integration & Process Automation Tools

support

Exemplar offers technical support of its innovative solutions through a continuous updating of its technical team, which uses the software solutions proposed both in beta testing phase and as tools for the realization of engineering services. The highly specialized technical team works in close contact with the companies that have chosen Exemplar solutions, so our customers are able to use the adopted methodologies and products in a complete and efficient way.

Exemplar support can be contacted by
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• e-mail: exemplar@exemplar.com

