

# INTES Ingenieurgesellschaft für technische Software GmbH

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

INTES is a development company for simulation software in mechanics and optimisation based in Stuttgart, Paris and Tokyo. The software product PERMAS is used worldwide for simulations in the field of thermo-mechanics and vibro-acoustics. PERMAS uses finite element technology for the calculations and integrates numerous optimisation methods for topology, shape, element and material parameters.

The lightweight construction expertise consists of the following components: - Stress and vibration calculation of components made from fibre composites - Diverse optimisation options for geometry, layer structure and material - Acoustics and vibrations of actively damped systems

Breitwiesenstr. 28  
70565 Stuttgart  
Baden-Württemberg  
Germany

[www.intes.de/](http://www.intes.de/)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

€2m - €10m

### Funding

n/a

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## About this organisation

**Main areas covered** FEM software system PERMAS, Software development for FE analysis, Calculation projects, Static and dynamic design

### Infrastructure

### Certifications

**Keywords** CAE, Finite element analyses, Optimisation (topology,shape,param.), Active damping

### Memberships

## Overview of lightweighting expertise

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Manufacturing  
Research   Development   & Supply

### Offer

#### Products

Software & databases



#### Services & consulting

Simulation



## Overview of lightweighting expertise

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Manufacturing  
Research   Development   & Supply

#### Field of technology

*Design & layout*

*Functional integration*

*Measuring and testing technology*

#### Modelling and simulation

Loads & stress, Multiphysics simulation,  
Optimisation, Structural mechanics, Reliability  
validation



*Plant construction & automation*

*Recycling technologies*

#### Manufacturing process

*Additive manufacturing*

*Coating (surface engineering)*

*Fibre composite technology*

*Forming*

*Joining*

*Material property alteration*

*Primary forming*

*Processing and separating*

*Textile technology*

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## Overview of lightweighting expertise

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#### Material

*Biogenic materials*

*Cellular materials (foam materials)*

*Composites*

*Fibres*

*Functional materials*

*Metals*

*Plastics*

*Structural ceramics*

*(Technical) textiles*

## Contacts

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This organisation has been machine-translated based on data provided in German.

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*Contact Software and Services*

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