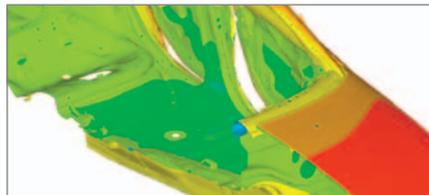


CADFEM

Computer Aided Engineering

Software • Hardware • Seminars • Support • CAE Consulting •
CAD/KBE Consulting • R&D, Customization • Master Courses





„Business at bottom is fundamentally human“

www.cluetrain.com



Computer Aided Engineering. Since 1985.

Today, Computer Aided Engineering (CAE) technology contributes decisively to shortening and optimizing product development cycles in many fields of industry and research. Computer aided analysis and simulation enables our customers to assess and test the behavior of future components, products and processes by subjecting them to a range of computer simulated physical conditions. This leads to savings in both the time and money which would have been spent on cost-intensive test runs without any loss in quality and opens up new possibilities for innovation.

Since 1985, CADFEM GmbH has been successfully supporting users from industry and research with software, and consultancy services and training. The company started with two engineers in a village close to Munich and has developed into a company with 110 employees. Their expertise has considerably contributed to making CADFEM one of the most competent software and engineering services suppliers in the CAE sector.

Corporate Philosophy

CADFEM's corporate philosophy is simple: "rules and bureaucracy are limited to a minimum, a certain degree of "chaos" is tolerated, common sense and independent thinking are important". This allows CADFEM to react flexibly and enables rapid adaptation to different situations.

Global Presence

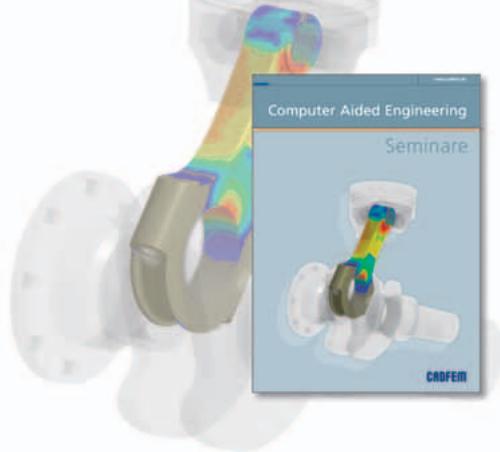
As a founding member of TechNet Alliance, a global network of CAE experts, CADFEM is able to offer solutions and know-how which go far beyond the company's own products and expertise. Through TechNet Alliance, customers have worldwide access to a unique range of CAE products and services.



Increase in machining center productivity achieved using ANSYS throughout the entire product development process. (Courtesy of Gebr. Heller Maschinenfabrik GmbH, Germany)



The CADFEM training schedule provides an overview of the comprehensive range of seminars. In 2006 CADFEM had more than 4000 attendee-days.



ENGINEERING EXPERTISE

- Statics, dynamics, heat transfer
- Crash simulation
- Electromagnetics, low/high frequency
- Computational Fluid Dynamics
- Fluid-Structure Interaction, coupled fields
- Biomechanics
- Acoustics
- Optimization, robust analysis
- Fatigue, fracture
- Multi Body Dynamics
- Manufacturing, processes
 - Forming, forging
 - Injection molding, extruding
 - Welding, bonding
 - Painting



Sales: Software and Hardware

As a systems provider, CADFEM offers highly-specialized, efficient software solutions covering a wide spectrum of simulation applications for product



Engineering Software On-Demand

Via eCADFEM (www.eCADFEM.com), ANSYS and other programs are available for flexible, customized temporary usage. eCADFEM is safe: All project data is saved and remains in the customer's computer.

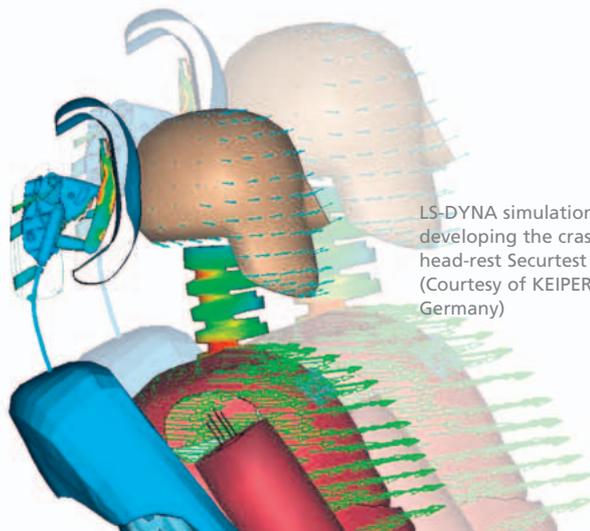
Service: Seminars and Support

Users of software supplied by CADFEM receive qualified support for all problems which arise during daily analysis and simulation – provided via telephone, e-mail, online or on-site. Moreover, CADFEM Service is responsible for planning the comprehensive seminar range, dealing with software-related and software independent CAE topics. Our service team includes qualified engineers from different fields, and cooperates closely with the software developers.

CAE Consulting

Do you generally outsource analysis and simulation tasks? Or do you have to fill a temporary shortage in professional skills? Do you have to solve a very specific analysis problem? Are you new to FEM or CFD (Computational Fluid Mechanics) and wish to work on a problem in collaboration with our expert staff? CADFEM is the answer! The company's engineers have in-depth experience in the most diverse analysis disciplines and can thus provide you with reliable, qualified, and confidential implementation of your chosen analysis service.

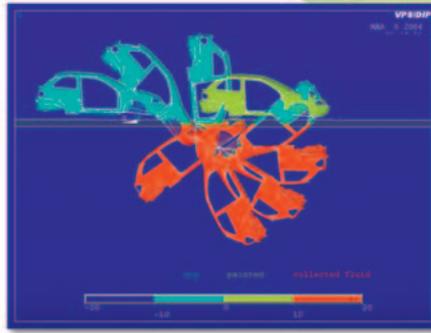
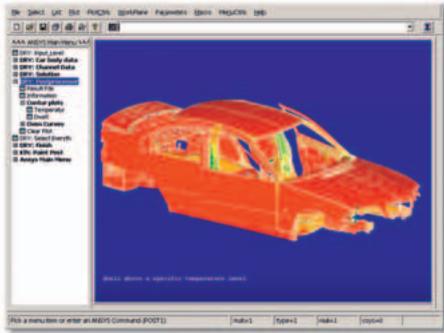
and process development. Besides CADFEM's two core products, ANSYS and LS-DYNA, its portfolio has been continuously and systematically expanded with complementary solutions. CADFEM offers all product-related services and is a competent partner for its customers when it comes to implementation, hardware and network solutions.



LS-DYNA simulation used for developing the crash-active head-rest Securtest 2000. (Courtesy of KEIPER GmbH & Co., Germany)

Simulation of car painting process

VirtualPaintShop® (VPS) has been developed jointly by CADFEM and the BMW Group and enables the early testing of body-in-white paintwork. VPS allows to assess certain criteria concerning body paintwork such as drying or layer thickness distribution without the need for a physical prototype. VPS is currently used by a number of automobile manufacturers. (Photos courtesy of the BMW Group)



CAD/KBE Consulting

“Knowledge-based Engineering” is the term used to describe the interaction between expertise, rules and process flows in CAD. An efficient KBE infrastructure saves the designer from having to carry out time-consuming routine tasks. The high content of standardized tasks carried out during the development processes also guarantees exactly that the same action can be repeated countless times.

Since 1997, CADFEM has gradually built up an expertise in Knowledge-based Engineering and special CAD solutions, e.g. Caelum XXen and BDrive (Data Mining), thus becoming an experienced, leading provider of these services.

R&D, Customization

Standard software currently offers a vast range of application opportunities, but may not fulfill specific needs of a customer.

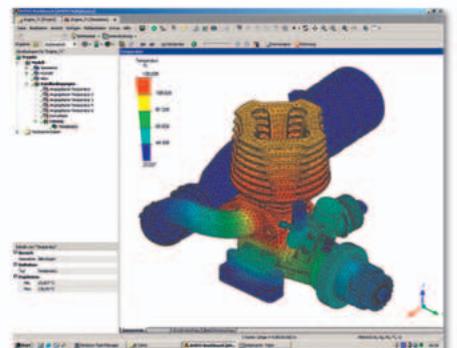
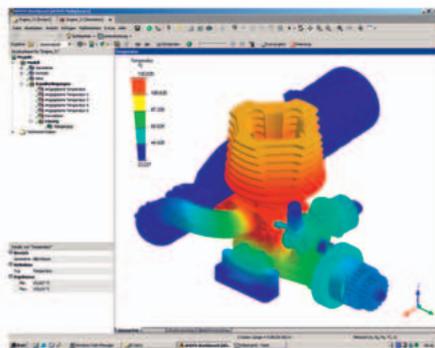
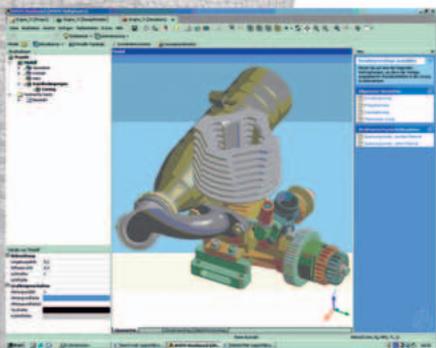
CADFEM's team of expert engineers is experienced in both programming and FEM and maintains close contact with a number of research institutes, enabling it to develop customized solutions for special problems based on customer's standard software.

Master Courses at ESoCAET

The European School of Computer Aided Engineering Technology (ESoCAET) was founded by CADFEM GmbH. The aim of ESoCAET is to develop and market vocational in-service Master of Engineering Courses in cooperation with universities.

A first course in Applied Computational Mechanics is offered together with the Universities of Applied Sciences in Landshut and Ingolstadt. The course syllabus combines an interdisciplinary approach to CAE topics and also takes management issues and soft skills into consideration.

www.esocaet.com



User-friendly, fully-integrated and highly efficient: the ANSYS workbench simulation tool.

Global Network for Computer Aided Engineering

TechNet Alliance is a global alliance of independent CAE software and service providers. Customers operating on a global basis will profit from the TechNet Alliance concept which offers competent support at many locations worldwide.

TechNet Alliance today

- 17+ languages
- 21 countries
- 61+ locations
- 50 companies



CADFEM Customer Magazine

The CADFEM "Infoplaner" features a range of technical reports dealing with day-to-day CAE practical, theoretical and scientific issues, as well as "lighter" non-CAE information about topics CADFEM regards as interesting and worth reporting.



CADFEM Users' Meeting

Since more than 20 years our customers gather at the annual CADFEM Users' Meeting – International Congress on FEM-Technology, one of the largest CAE events in Europe to exchange their experiences.

www.usersmeeting.com



Impressions of the CADFEM Users' Meeting 2005 (Plenary hall of the former German Federal Parliament in Bonn), and 2002 (Evening social in Friedrichshafen).

CADFEM Participations

CADFEM is expanding continuously, also by taking shares of companies operating in the same and complementary fields as CADFEM GmbH, both in Germany and foreign countries. Through these well-chosen participations, CADFEM is now right behind its international customers thus paving the way for putting innovative technologies into industrial practice worldwide. Now, at the beginning of the year 2007 this group consists of 11 companies with over 180 employees.

<p> 2007 CADFEM Engineering Services India PVT Ltd. CAE-Software and consulting in India www.cadfem.in</p> <p>2007: Office in Dortmund</p> <p>2000: Office in Berlin</p> <p>1997: Representation in Moscow</p> <p>1994: Office in Chemnitz</p> <p>1990: Office in Stuttgart</p> <p>1990: Office in Hannover</p> <p> 1985: CADFEM GmbH in Grafing/Munich</p> <p>1982: Engineering Office Günter Müller</p>	<p> 2005: virtualcitysystems GmbH Digital city models www.virtualcitysystems.de</p> <p> 2005: CCA Ltd., Shanghai CAE-Software and consulting in China www.cca-es.com</p> <p> 2005: CADFEM (Austria) GmbH www.cadfem.at</p> <p> 2003: PlastSim GmbH Moldex3D, B-SIM, T-SIM; sales and consulting www.plastsim.com</p> <p> 2002: AeroFEM GmbH Consulting with focus on aerospace www.aerofem.ch</p> <p> 2001: Dynardo GmbH Optimization; consulting and development of optiSlang www.dynardo.de</p> <p> 2000: inuTech GmbH Numerics; consulting and development of Diffpack www.inutech.de</p>
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<p> 1995: CADFEM AG www.cadfem.ch</p>	<p> 2000: Teraspect GmbH Enterprise Resource Planning (ERP) solutions for SME www.teraspect.de</p>
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www.svsfem.cz

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www.enginsoft.it

Poland: MESco
www.mesco.com.pl

Benelux: Infinite Simulation Systems B.V.
www.infinite.nl

Ireland: IDAC Ireland Ltd.
www.idacireland.com

Scandinavia: ANKER-ZEMER Engineering AS
www.anker-zemer.no

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www.idac.co.uk

Turkey: FIGES CAD-CAE
www.figes.com.tr

Japan: Cybernet Systems Ltd.
www.cybernet.co.jp

Korea: CIES Ltd. / CAE Division
www.cies.co.kr

USA: Mindware Engineering Ltd.
www.mindwr.com

USA: OZEN Engineering, Inc.
www.ozeninc.com