

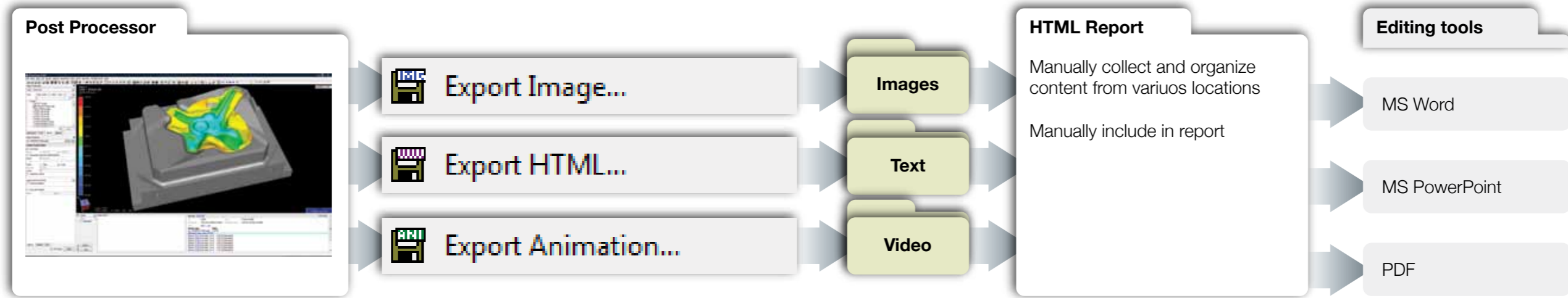
NEW!

**More engineering
Less editing
Better reports**

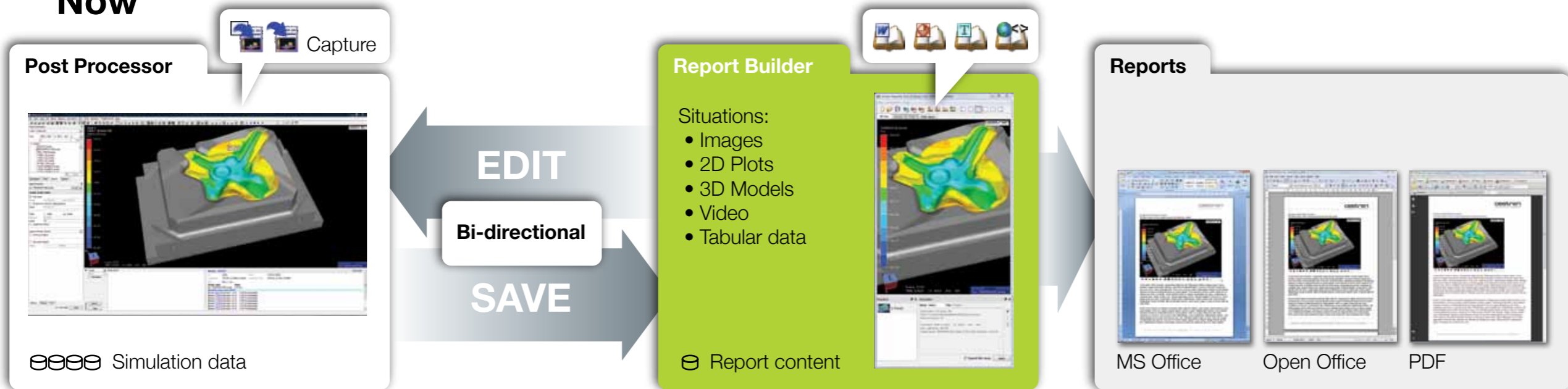


GLview
Report Builder
Software Development Kit

Before



Now



Save time and money

20-45 % of the time consumption in CAE projects is typically spent on interpretation and reporting of results. The GLview Report Builder facilitates capturing, organizing and presentation of data; reducing a time-consuming necessity to a minimum.

Interactive reporting makes it easy for the engineer to capture data when it is found, directly from his or her favorite post-processor. The GLview Report Builder collects and organizes all data in one place, and creates reports in multiple formats from the same source.

By utilizing the GLview Report Builder, the simulation engineer will not only be able to produce better reports. A conservative estimate shows that he or she will save time equivalent to the cost of one Report Builder license in less than 6 months.

A user-friendly and flexible reporting tool

Most existing CAE tools have limited support for creating reports. Typical issues related to reporting are fragmented output, content exported to multiple folders and files, format variations, HTML output

that is cumbersome to extend and reformat, and static content and layout with limited support for templates.

The GLview Report Builder is created in compliance with industry standards, and enables the utilization of company document templates for layout and formatting of reports, such as existing MS Word or MS PowerPoint templates. It exports output to the native file format of the software tool used to write and finalize reports, e.g. *.docx, *.pptx, *.odf, *.html, *.txt. Converting to PDF is simple.

Include interactive 3D content in reports

With GLview Report Builder, 3D content can easily be included in MS Office documents. The engineer can explore the model and the results in full 3D, providing increased understanding and more data readily available. Including 3D content in the report reduces the need for multiple images and videos, adding flexibility and the ability to answer ad-hoc questions.

Automated reporting

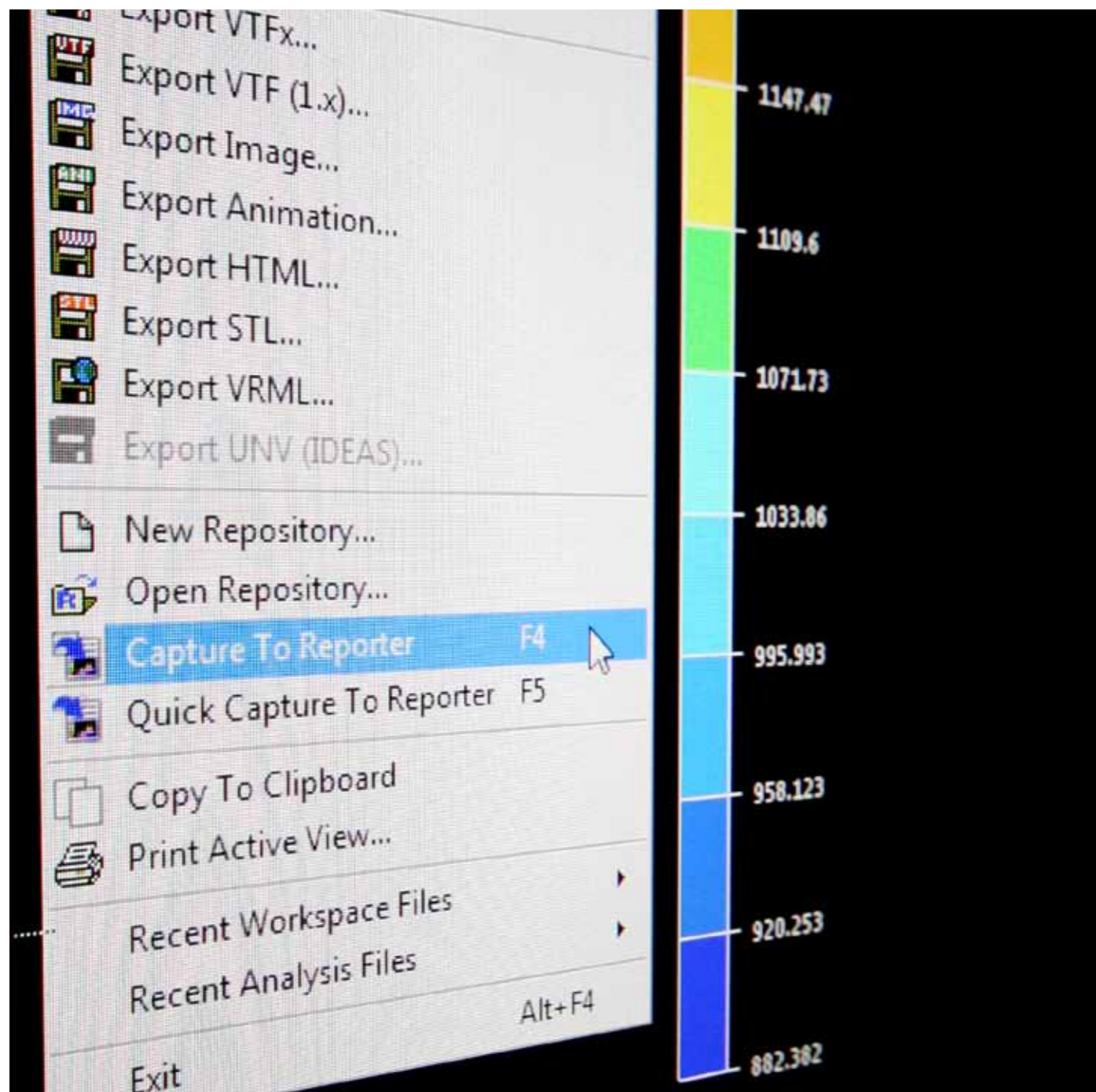
Some reports are one-of-a-kind, but many are repetitive. With automated reporting, all steps to create report content or a complete report can be automated. This is made possible by utilizing repository templates or scripting language. The engineer simply replaces the model file to create a new report from a new or changed analysis. By automating repetitive reporting one will reduce time consumption and increase precision, quality, and consistency in output.

Repository templates

When creating the first report of a specific type, the engineer saves the repository as a template for re-use. All captured data will then be generated automatically when applied to a new simulation.

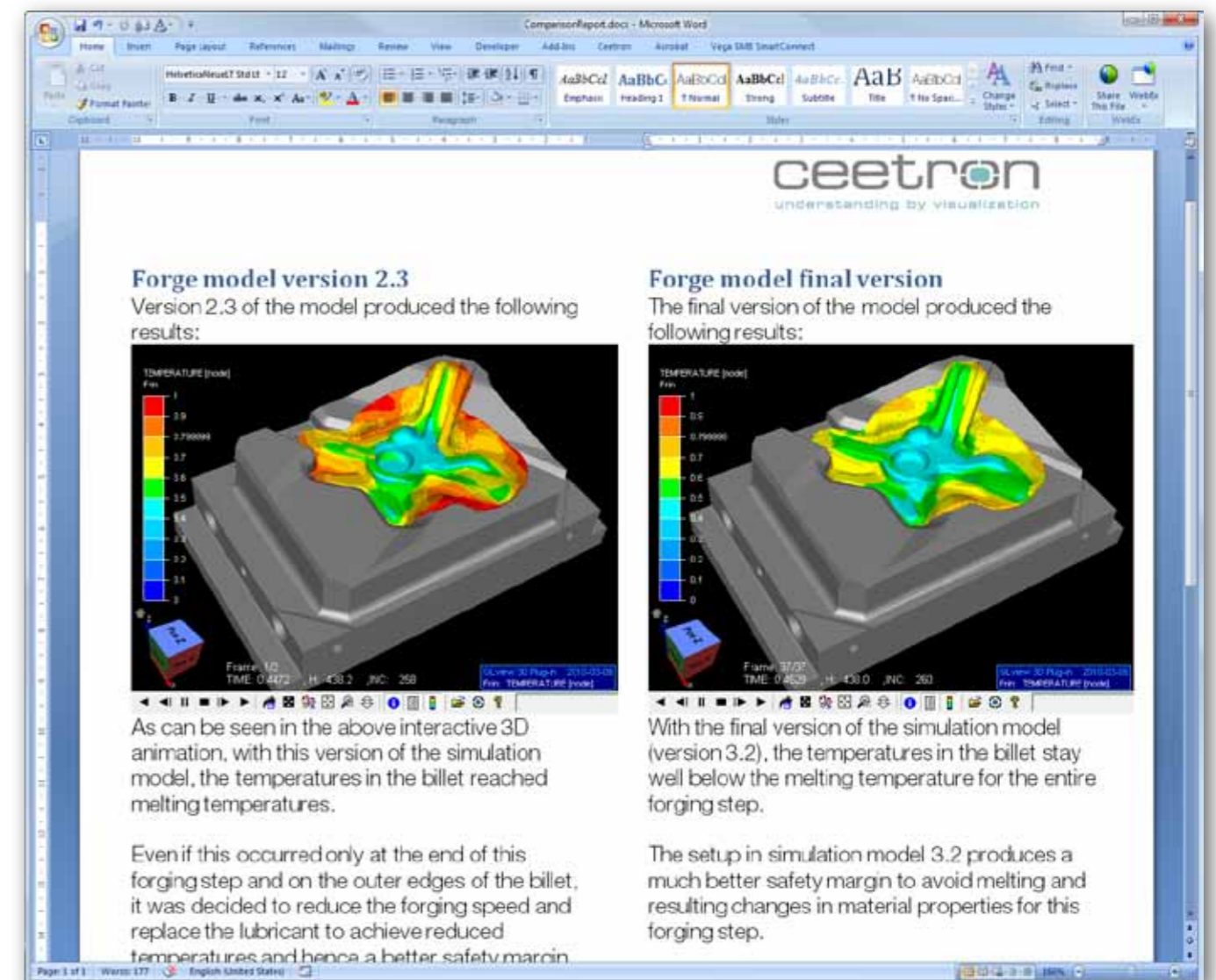
Scripting language

The engineer can record all post-processing and reporting tasks in one single script file. The script file can be re-used on new simulation files to create the new corresponding report.



Compare simulations or designs

Utilizing an existing report repository, the engineer is able to compare a new simulation or design to a previous one directly in a report. This feature makes the GLview Report Builder ideal for parameter studies and quality assurance. Using the built in Reference Repository feature, an existing repository can be used to build a report comparing a new simulation with the reference simulation. A Word Document or a PowerPoint presentation including the new simulation and the reference simulation will automatically be produced by GLview Report Builder.



Key benefits

- Produce reports quicker – save time and reach decisions earlier!
- Create reports in MS Word and MS PowerPoint native formats directly – use existing MS Office documents as templates.
- Include interactive 3D content directly in reports.
- Store report content for re-use and quality assurance.
- Automate repetitive reporting using scripting language.

Integrate GLview Report Builder to any CAE pre- or post-processor

All providers of CAE software can benefit from the advantages of GLview Report Builder by offering it as an integrated feature in their own software. The GLview Report Builder SDK makes the integration straight forward. The SDK includes a fully documented interface that can be used between any pre- or post-processor and the GLview Report Builder application. A complete set of examples and tutorials are included in the documentation. Integration services are available from Ceetron AS.

GLview Report Builder features

- Interactive capture of information from pre- or post-processor
 - Automatic creation of report content and complete reports
 - Create reports in native format
 - » MS Word & MS PowerPoint
 - » HTML
 - » Unformatted text (*.txt)
 - » Open Office and PDF with 3D content (Version 2.0)
 - Utilize company document templates
 - Template validation
 - Drag & drop to MS Office documents
 - Store report content for re-use or future reference (e.g. in Simulation Data Management systems)
 - Re-use existing reports as template
 - Template wizard for easy template setup
- Supported report content**
- Interactive 3D Content
 - Images
 - 2D Plots
 - Videos
 - Simulation variables (e.g. Min, Max, etc.)
 - Tabular data
- MS Office Add-ins**
- Interactive 3D visualization component for MS Word and MS PowerPoint
 - Menu/Ribbon extension for MS Word and MS PowerPoint

Platform availability and system requirements:

GLview Report Builder

- Microsoft Windows XP/Vista/7 (32bit and 64 bit)
- MS Office 2003, MS Office 2007 & MS Office 2010

GLview Report Builder SDK

- Object-oriented architecture, written in ANSI C++
- Fully documented
- Examples and tutorials

Try it out!

A complete evaluation package for GLview Report Builder SDK is available for download from www.ceetron.com. To initiate an evaluation, Ceetron can provide an online demonstration and introduction with prospective clients. After the initial introduction, the client continues the evaluation with support from a Ceetron engineer by phone or e-mail. Please contact sales@ceetron.com for further information.

www.ceetron.com



Select users of GLview 3D technology

Aerospace

Astrium SAS
EADS AIRBUS, FRA
GE Aircraft Engines, IND
Goodrich Aerostructures, USA
Institute for Defense Analyses, USA
Lockheed Martin, USA
QINETIQ Defense, UK
Rockwell Science Center, USA
Rolls Royce Aerospace, UK
TRW Automotive Koblenz

Automotive

Alcan International, USA/UK
Arvin Meritor, UK
Benteler Aluminium Systems Norway AS
Beratung der Automobilindustrie, GER
BMW Group, GER
Centro Ricerche Fiat, ITA
Delphi Diesel Systems Ltd., UK
Electrowatt Ltd., UK
Federal-Mogul Tech., GER
GE Polymer Design Associates, GER
Harley Davidson, USA
Hydro Aluminium Deutschland GmbH
Hydro Automotive Structures, NOR/USA
Jaguar Cars, UK
MANN+HUMMEL GmbH, GER
Matra Automobile, FRA
PART-Plastics and Rubber Technology, GER
Plastal, NOR
Renault Sport, FRA
Sogeti High Technology
Thyssen Krupp Steel, GER
Volvo Car Components, SWE
Volvo Personvagnar, SWE

Volvo Truck Corporation, SWE
Vöest-Alpine, Austria
ZF Friedrichshafen AG, GER

Consulting

Cape Engineering, UK
FEMCOS GmbH
Frazer-Nash Consultancy Ltd., UK
KOLT Engineering, GER
Vectayn, UK
WS Atkins, UK

Energy

British Gas
Conoco, NOR/USA
Det Norske
Elkem Solar
Framatome, GER
Japan Atomic Energy Research Institute
Mitsui Babcock, UK
Nexans Norway AS
Saipem UK Ltd.
Statoil, NOR
Statoil Petroleum AS
Suzlon, GER
Wind2Energy, GER
Worley Ltd, UK

Manufacturing

Arcelor Mittal
Aventis Pharma, UK
Bayer AG, GER
Corus Technology BV
General Electric Polymer Design
Hydro Aluminium, NOR
Hydro Production, NOR

Nokia Corporation, FIN
Panasonic, JAP
Pilkington, UK
ROLEX INDUSTRIE SA, CHE
Sintef Raufoss Manufacturing
Siemens
SSAB HardTech, SWE/USA
Toyo Styrene Company, JAP

Marine Engineering

Advanced Production and Loading, NOR
Aker Yards Project AS
Aker Solutions
Cummins Turbo Technology UK
CorrOcean Safetec Nordic, NOR
Det Norske Veritas, NOR
Force Technology
Forsvarets Logistikk Organisasjon
Global Maritime AS
Hyundai Heavy Industries, KOR
MARINTEK, NOR
Naval Surface Warfare Center, USA
Nexans Norway
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Rolls Royce Marine Ship Technology
Seaflex AS Windsim AS, NOR

Research and Academia

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