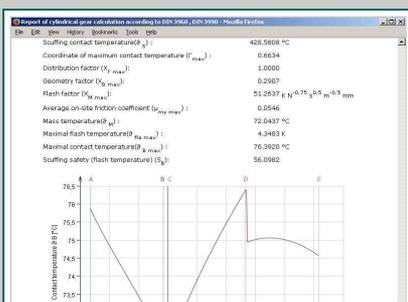
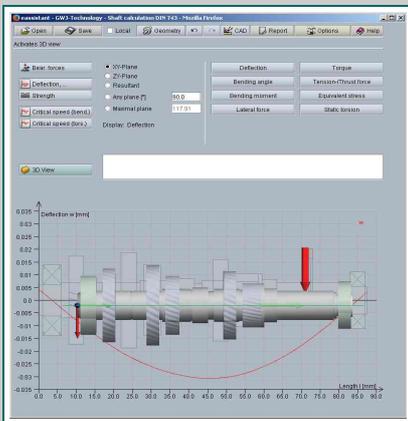
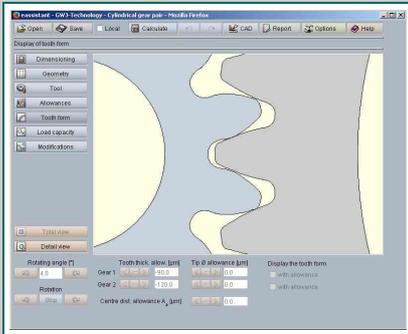
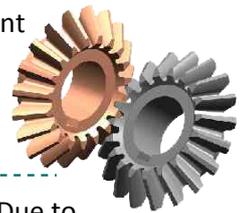


## Ten Good Reasons Why You Should Make Use Of The eAssistant



### eAssistant - The Clever Way to Calculate!

Over the last few years the eAssistant has become the market leading web-based calculation software. The eAssistant is provided by GWJ Technology and allows for fast and easy calculation, design and optimization of an extensive range of machine elements. This provides your company with a significant advantage in terms of productive engineering. Below we have listed some of the more important aspects and benefits of the eAssistant.



#### 1. Latest Version

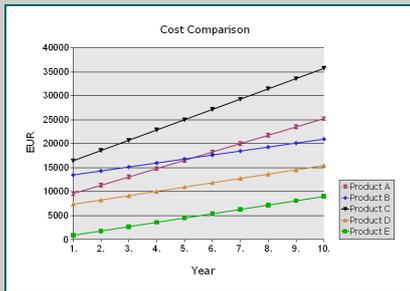
Stay up to date with the eAssistant: always and everywhere. Due to the web-based technology, the latest version is always available. No updates are required and service packs are a thing of the past. Get access to the eAssistant from wherever you need to work: in the office, during a customer meeting or even at home. You can use all calculation modules and benefit from continuous improvements in software development. Save the calculations locally on your computer, company network or eAssistant server.

#### 2. Innovative Cost Structure

Pay only for what you use and benefit from a variable cost structure. Different companies have different requirements and that is why the eAssistant offers two different pricing models: time limit accounts and flat rate accounts. If you have occasional calculation tasks, then a time limit account is the perfect solution for you. Do you have tight dead-lines or need to solve frequent calculation problems? Then the eAssistant flat rates are the right and cost-effective choice for you. Choose between the two variants or quickly switch between the accounts.

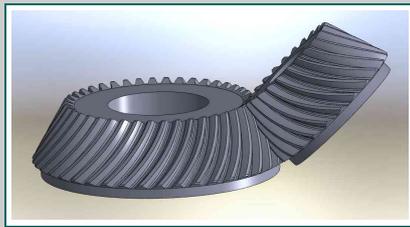
#### 3. Excellent Customer Service

GWJ Technology has a highly qualified and dedicated team ready to support you! If you have any questions or if you need help to resolve difficult calculation problems, please let us know by telephone, fax or email. You will always find a sympathetic ear, no matter what the problem is. Access to leading technology allows us to quickly answer your questions. We use the Internet to support you, so we can literally have a look at your problem and quickly resolve it. It is also an easy way for you to follow strategies and hints live on the screen.



## 4. Unbeatable Price-Performance Ratio

The left figure illustrates the price-performance ratio between the eAssistant (product E) and standard offline calculation software (products A to D). Using the example of an annual eAssistant flat rate, the figure shows clearly that the web solution is a more economical choice comparable to the offline software with network floating license and maintenance. Additional costs (installation of offline software, updates, service packs, training courses) were not even taken into account.



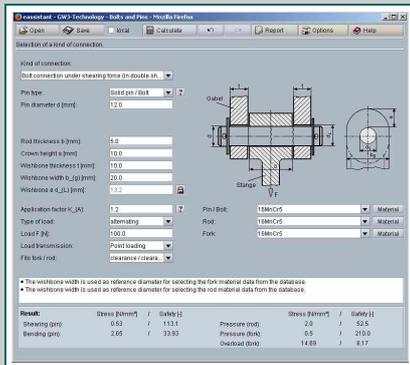
## 5. Powerful CAD-Plugins

Increase the efficiency and quality in the design and development process. The powerful eAssistant plugins for different CAD systems let you easily combine calculation and design. Based on your calculation, CAD models can now be automatically created with a few mouse clicks. You can also add manufacturing data to the drawing. Use the 3D models for further developmental purposes.

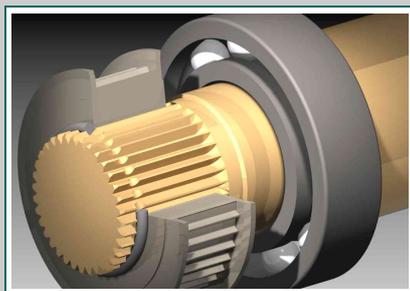


## 6. Reliable Calculations

The calculation modules are based on generally accepted calculation methods (e.g., DIN and ISO standards) as well as accepted literature. We are focused very much on a detailed and practical implementation of the calculation methods. A quality management as well as an extensive software testing phase are an important part of the eAssistant development process to ensure a high standard of quality. A web-based solution requires a high standard of quality. In addition to the high level of quality, speed and security are an absolute necessity these days. During the start-up of the calculation module, the module is loading and running temporarily on the workstation.



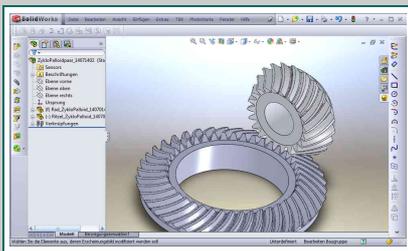
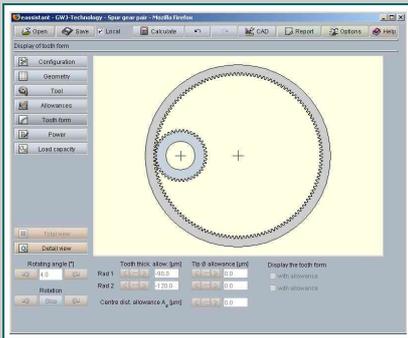
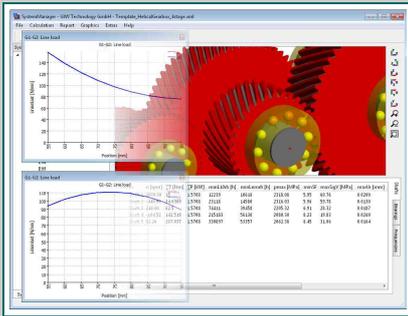
In practice, the speed to the Internet depends on the Internet access. Using ISDN or DSL, the loading process takes only a few seconds. When the module is completely loaded, the performance of the workstation is used. The module will run temporarily on your work-station and the data security is assured while using the eAssistant.



## 7. Practical Development

Many leading companies from different industries use the eAssistant successfully. The applications range from precision engineering, machine tool manufacturing and automotive industry to heavy engineering. The eAssistant is continually being improved and its functionality is increased based on specific user requirements. Many helpful suggestions by the users support the development process.





Joint Ø [mm]	10.0	Bandwidth [mm]	0.0	Operating factor	1.0
Length [mm]	100.0	Speed [mm/s]	0.0	Coefficient of friction	0.1
Outer Ø Hub Dia [mm]	100.0	Operating temperature [°C]	20.0	Coefficient of friction	0.1
Inner Ø Shaft Dia [mm]	0.0				



## 8. Intuitive User Interface

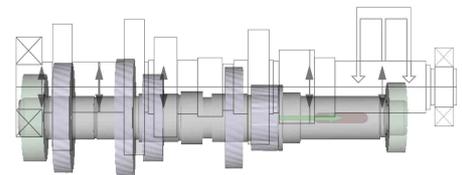
The eAssistant is available immediately and an installation is not necessary. Ease of use is an essential feature of a web-based solution. A simple and user-friendly interface is always at the forefront. The input fields are neatly arranged and designed to be intuitive and easy to use. Numerous dimensioning and help functions support you in calculating and optimizing of the machine elements. The message area gives you hints, suggestions and warnings. After you enter the values the eAssistant responds quickly: the results are determined and displayed immediately. In case a minimum safety factor is not achieved, the result will be marked in red. The result panel allows you to see the effects of making parameter changes. An extensive online documentation provides complete information on all aspects of usage. The eAssistant menu allows you to redo and undo all entries.

## 9. Improved Verification Of Calculation

Calculation reports can be automatically created with just a mouse click. The report is available in HTML and PDF format and contains all detailed input values, results, diagrams and drawings. The report may be viewed, printed and saved for archival purposes. Internal quality assurance is simplified and verification of calculations is significantly improved with regard to customers as well as testing authorities.

## 10. But That Is Not All!

By attending our various workshops, you can benefit from the knowledge of our qualified engineers. Gain a deeper understanding of basic skills, design strategies or optimizations of machine elements. The regularly scheduled workshops take place in Braunschweig throughout the year. If you are unable to join us, we can offer on-site workshops, designed especially for your company. In addition to the eAssistant, we develop individual software solutions (e.g., calculation, configuration and selection tools) in close co-operation with you and we are able to support you with engineering services, expert assessments and software upgrade services.



## Further Information

For more information, detailed feature description, a free test account or a web presentation, please visit [www.eAssistant.eu](http://www.eAssistant.eu) or contact our sales department.