

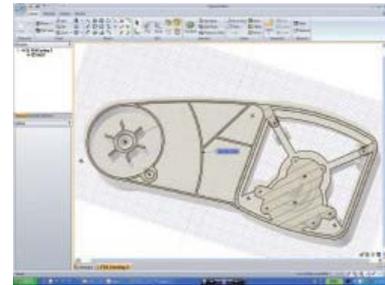
In our continuous efforts to supply the Nordic industry with even more effective tools and processes for analysis and simulation, EDR&Medeso has, since a few years ago, included SpaceClaim in its product offerings.

SpaceClaim is one of the most modern and easy to use 3D modelers available on the market today. Since SpaceClaim is history independent, it is also much easier to create and change geometry than most of today's CAD systems, where features and history are highly interdependent. SpaceClaim can read and modify geometry generated in virtually any major CAD system and standard format.

SpaceClaim for the Analysis Engineer

Challenge:

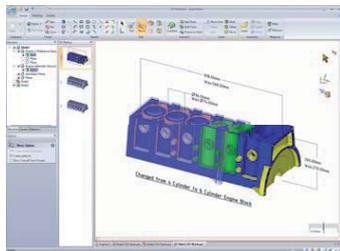
Engineers often receive large, complex models from the design department which require analysis. In larger organizations, the models may even have to be generated in different CAD Systems. The analysis engineer must change and optimize such models for analysis purposes. However, the engineer does not have access to, or, is not an expert in the designer's different CAD systems. He or she must therefore rely on the CAD specialists to create simplified models. This process is both tedious and unnecessarily time consuming



Solution:

SpaceClaim Professional enables the analysis engineer to import and simplify 3D models by removing unnecessary geometry, such as rounds and fillets, with a single selection. This reduces the engineer's dependency on the CAD specialist for each iteration and improves the productivity of both. SpaceClaim supports export of geometry to an analysis solution through industry-standard formats including ACIS®, Parasolid®, IGES, STEP, and VDA. A bi-directional interface to ANSYS Workbench is also available.

SpaceClaim for the Analysis Consultance



Challenge:

Analysis Consultants often experience the same challenges as the analysis engineer in an organization. In addition to that, the Analysis Consultant works with multiple customers, each with their own, standard CAD system. The Analysis Consultant must maintain each CAD system, including multiple software versions of each, and retain expert CAD operators capable of exchanging design data and collaborating with the customers on their preferred systems. This is both costly and cumbersome to maintain.

Solution:

SpaceClaim Professional enables Analysis Consultants to import native file formats from many of the major CAD systems and make design modifications in a flexible modeling environment without needing to know how the model was built. Analysis Consultants can communicate models adapted and optimized for analysis back to the analysis tools of their preference in a variety of formats. Design changes based on analysis findings can be communicated back to the customer as well.