

# PERMAS *for Education*

PERMAS is one of the worldwide leading Finite Element software systems for the solution of complex analysis tasks in research and industry.

PERMAS covers a wide spectrum of application areas like static analysis, dynamics, temperature fields and fluid-structure acoustics.

Many outstanding properties like

- fast solvers,
- exact and fast contact analysis,
- many nonlinearities,
- integrated optimization for topology, shape, sizing, sampling (DOE), and reliability analysis,
- Interfaces: VisPER, ANSA, ABAQUS, NASTRAN, MEDINA, HyperWorks, NX.

**FE process chain**  
from mesh to evaluation,  
on Windows and Linux.

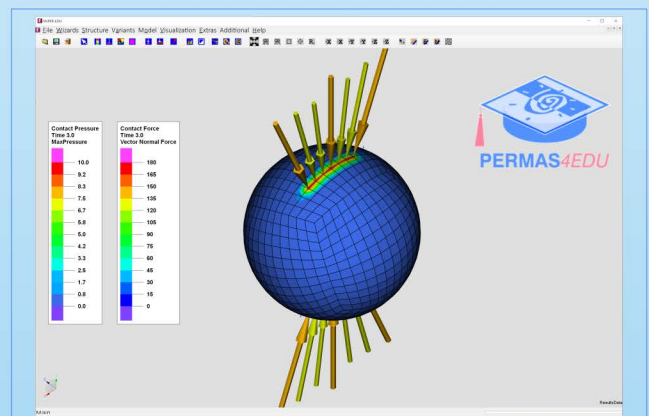
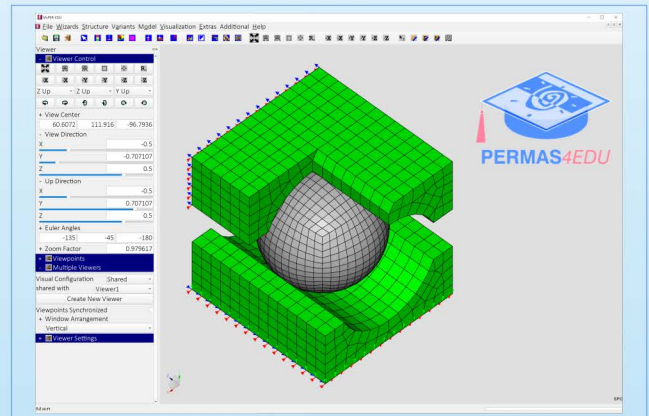
**Free-of-charge for**  
education and further training,  
no commercial use permitted.

**Limited model sizes, e.g.**  
16,000 nodes, 32,000 elements,  
65,000 degrees of freedom.

**How to get the software?**  
By registration on  
[www.intes.de/edu](http://www.intes.de/edu)



## PERMAS4EDU



Mesh; STL;  
other FE formats



Model  
(VisPER Pre)



Analysis  
(PERMAS)



Evaluation  
(VisPER Post)

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