

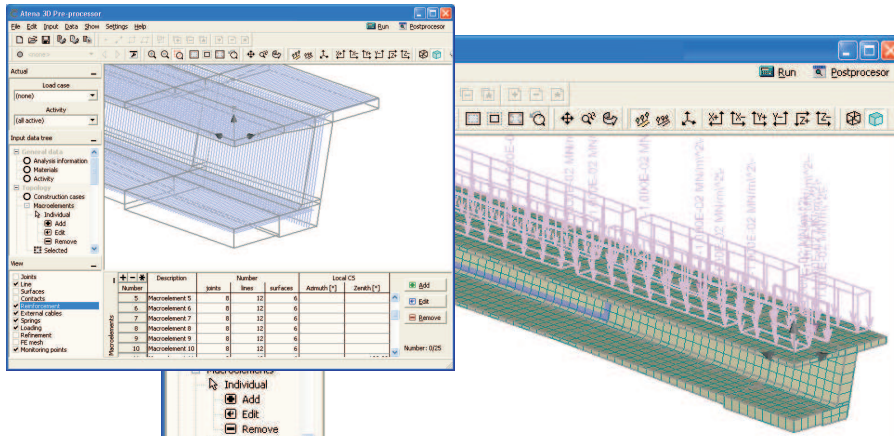
ATENA Engineering

with native **Graphical User Environment**

Intuitive, user-friendly, powerful, efficient

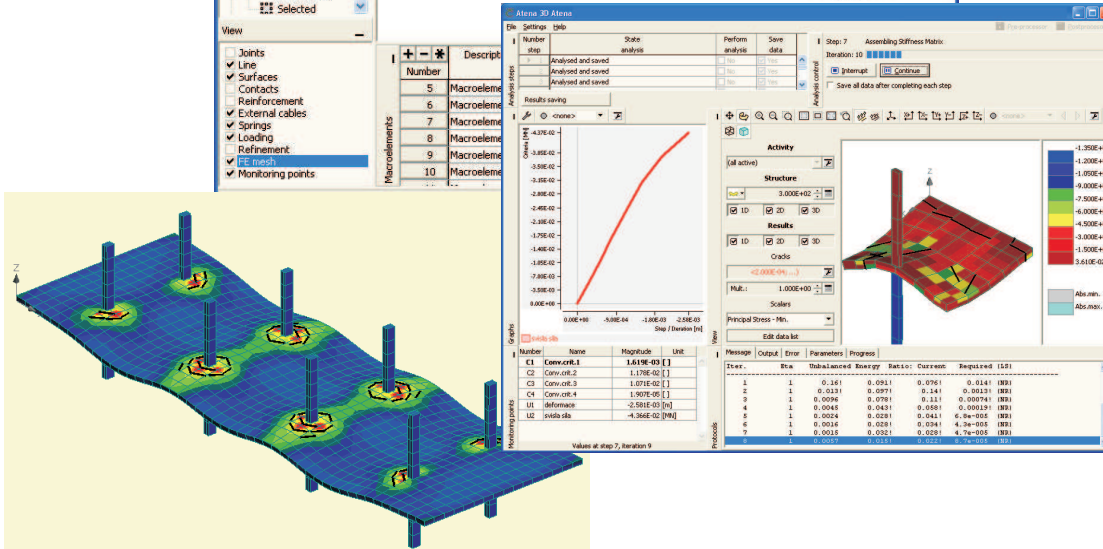
Pre-processing

native **ATENA** solid modeling environment with automatic mesh generation allows you to build complex models in a few minutes



Analysis

unique interactive **run-time visualization**, user control, **load-displacement diagrams**, graphical convergence check



Post-processing

graphical evaluation of results, **unique 3D crack display** scalar, vector and tensor plots, diagrams of stress and strain along reinforcement bars, user defined scales and views

software development and distribution, consulting services
ultimate load, deformations, crack propagation, crack width, diagnosis of damage causes, evaluation of experiments, analysis of loading tests, research and development in materials and technologies