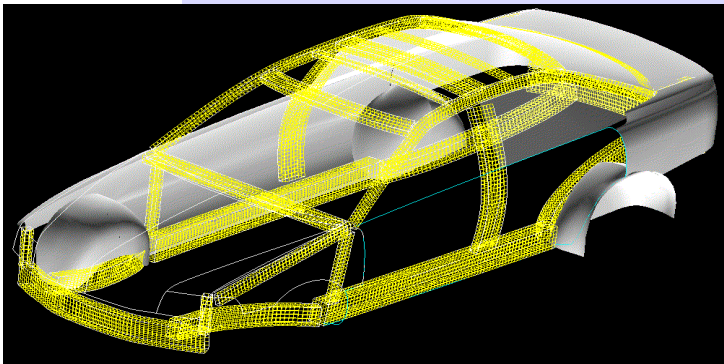




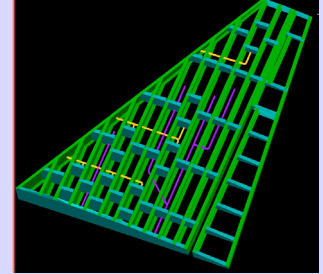
Scenario-Based Vehicle Design, Analysis, and Assessment

In collaboration with leading defense contractors, automotive industry leaders, and structural analysis software developers, TechnoSoft, Inc. is creating an environment using the Adaptive Modeling Language (AML) that facilitates the prioritization of technology solutions for affordable product development through the integration of high-fidelity physics-based modeling of technology attributes with high-level mission analysis in the course of scenario-based modeling and simulation.

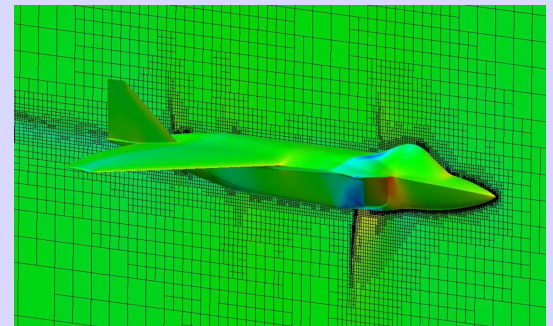
Focus is on developing an environment that provides government and industry the "plug and play" ability to assess and prioritize technology supporting military technology development and weapon systems development.



technology to associate product definition with product behavior, based on the inherent knowledge-based



technology that will capture and automate modeling processes in a dependency-tracked, demand-driven sequence.



The parametric environment automates the processes involved with: structural configuration and sizing; geometric modeling of free-form surfaces; structure/fluid interactions including coupled FEM meshes and analyses including "flutter"; as well as product and process data management, storage, querying, and retrieval. Initial models have produced an estimated ten-fold increase in productivity and reduction in engineering design time.

The resulting environment is a versatile, commercial product suitable for use in the aerospace industry, automotive industry, as well as other industries. The development team integrates technological and business strengths such as Product Development, Airframe Analysis Tool Suites, and Knowledge-Based Computation. The AML framework is being used to apply smart product modeling

