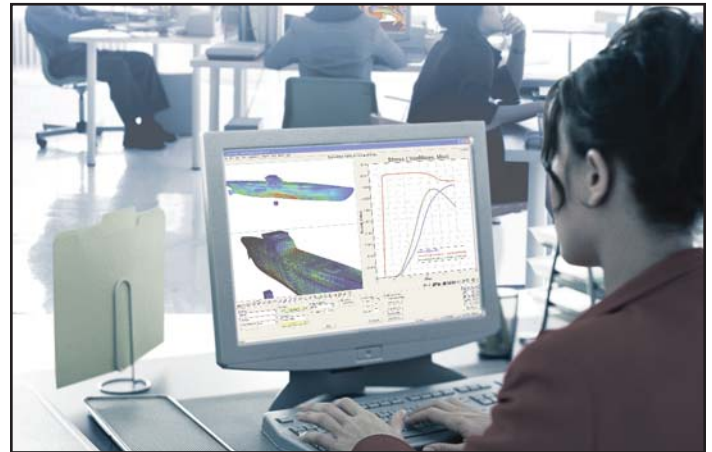


## About HyperWorks

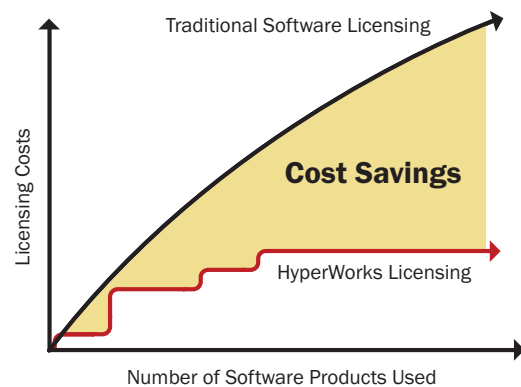
Built on a foundation of design optimization, performance data management and process automation, HyperWorks is an enterprise simulation platform for rapid design exploration and decision-making. As one of the most comprehensive, open-architecture CAE solutions in the industry, HyperWorks includes best-in-class modeling, analysis, visualization and data management solutions for linear, nonlinear, structural optimization, fluid-structure interaction, and multi-body dynamics applications. Committed to an open-systems philosophy, Altair HyperWorks continues to lead the industry with the broadest interoperability to commercial CAD and CAE solutions in the PLM market space.



## Patented, Value-oriented Software Licensing Model

With Altair's patented units-based licensing system, organizations can pool and centralize their global software investment to maximize utilization and accessibility throughout the entire enterprise — delivering far greater value than traditional licensing programs.

“Leveling” uniquely allows HyperWorks to run multiple applications concurrently without drawing more units — delivering more value over “Stacking” token models.



## Executive Management



**James R. Scapa**  
Chairman & CEO



**Dr. Uwe Schramm**  
Chief Technical Officer



**Jeffrey M. Brennan**  
Vice President

## Customers

### Automotive

BMW, Chrysler, Fiat, Ford, GM, Honda, Hyundai, Jaguar Land Rover, Mercedes, Nissan, Saab, Toyota, Volkswagen

### Aerospace

Airbus, BAE Systems, Bell Helicopter, Boeing Commercial, Bombardier, Cessna, EADS, Eurocopter, GE Aircraft Engine, Goodrich

### Marine

Samsung Heavy Industries, Royal Navy, Babcock Marine

### Government & Defense

General Dynamics, U.S. Air Force, U.S. Army RDECOM, U.S. Dept of Defense, U.S. Navy NAVSEA, Lockheed Martin, Northrop Grumman, Pratt & Whitney, Raytheon, Boeing Military, Force Protection

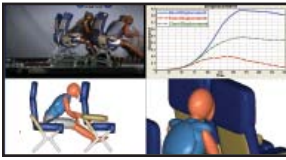
### Heavy Equipment

Paccar, Freightliner, Caterpillar, John Deere, International, ArvinMertior, Oshkosh, Pierce, Alstom, Claas, Detroit Diesel

### Consumer Products

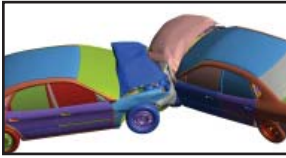
Addidas, Bose, Canon, Colgate Palmolive, Fisher Price, Harley Davidson, Kohler, Motorola, Nokia, Procter & Gamble, Panasonic, Samsung, Steelcase, Whirlpool

## Our Products



### Modeling and Visualization

The dominant CAE modeling and visualization environment for more than 20 years, HyperWorks delivers the fastest and most versatile pre- and post-processing technology for finite element, multi-body dynamics, and performance data analysis. Products: HyperMesh, HyperView, HyperView Player, HyperCrash, HyperGraph, MotionView and HyperMath.



### Analysis and Optimization

HyperWorks contains robust solver solutions for linear, nonlinear, crash and impact, multi-body dynamics, and fluid-structure interaction problems and leads the industry with optimization technology to rapidly develop lightweight, structurally efficient designs. Products: RADIOSS, MotionSolve, OptiStruct, HyperStudy and HyperShape/CATIA.



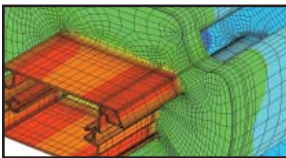
### Data Mining, Visualization and Analysis

With the exponential growth of product performance related information associated with simulation and testing, HyperWorks delivers a broad range of data analysis solutions that provide multiple ways to visualize, explore, analyze and share information to make efficient, confident design decisions. Products: HyperView, HyperMath, HyperGraph and HyperStudy.



### Process Automation and Data Management

HyperWorks provides the field-proven solutions to automate workflows and capture, manage and reference heterogeneous performance information throughout the product lifecycle to drive decision making and value for the enterprise. Products: Process Manager, Altair Data Manager.



### Manufacturing Process Simulation

Today, CAE is playing an increasingly more important role in manufacturing. HyperWorks provides a robust set of tools to virtually assess manufacturing feasibility to avoid costly investments in prototype tooling and machine down time to prove out processes. Products: HyperForm, HyperXtrude, HyperDieDynamics and Friction Stir Welding.

## Success Stories



### Boeing

Boeing has an enterprise wide license of HyperWorks which provides access to all Boeing U.S. engineers. On the 787 program, OptiStruct was selected as a strategic tool to help achieve aggressively weight reduction initiatives by Boeing and its suppliers.



### TARDEC

2008 contract award for the implementation of Altair Data Manager at the U.S. Army TACOM in Warren Michigan. Deployment includes Altair Data Manager, BatchMesh Scheduler and Assembly Manager. The proposed configuration of the system will support TARDEC's CAE and Test Data management requirements.



### Force Protection

Force Protection Industries, which pioneered the manufacture of vehicles for the U.S. military's Mine Resistant Ambush Protected (MRAP) program, has adopted HyperWorks exclusively to drive their design process with simulation. Force Protection Industries is uses HyperWorks to ensure that its vehicles meet or exceed all standards required by the U.S. military.



### Lockheed Martin

Lockheed Martin is the largest military defense company in the world. After an extensive optimization technology competitive benchmark, Lockheed Martin selected Altair's OptiStruct technology, in conjunction with HyperMesh and HyperView, to support their product development initiatives for customers that include the U.S. Army, Navy, Air Force and Marine Corps, and NASA.