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FOR IMMEDIATE RELEASE

## **Third Wave Systems Releases AdvantEdge FEM 5.4**

**MINNEAPOLIS, MINN.** (15 August 2009) – Third Wave Systems, Inc. is pleased to announce the successful release of AdvantEdge FEM version 5.4! AdvantEdge FEM is a materials-based software solution for the optimization of metal cutting, and has been an innovative computer aided engineering (CAE) software package since its inception. The finite element analysis software provides detailed information about heat flow, temperatures, stresses, and forces for machining processes. Version 5.4, which was released last week, builds on the previously-released AdvantEdge FEM 5.3 (February 2009) and introduces additional user-friendly features.

New in AdvantEdge FEM 5.4:

- 3D chip refinement for added control over chip mesh
- Chip-only display in 3D for viewing chips independently of uncut workpieces during result analyses
- User-defined workpiece initial mesh size for 3D
- Improved 3D engine performance
- Performance improvements for faster 3D initial mesh
- User-defined 2D yield surfaces for extended control over user-defined material models



AdvantEdge FEM benefits:

- Increased material removal rates
- Improved tool life
- Predicted chip shape

(more)

- Shortened product design cycles
- Reduced trial and error testing
- Integrated with AdvantEdge Production Module

**About Third Wave Systems, Inc.** Third Wave Systems provides material-based, machining modeling software and services used by Fortune 500 aerospace, automotive, cutting tool, and optics companies to optimize traditional and state-of-the-art high speed machining processes. Headquartered in Minneapolis, Minnesota, USA, Third Wave Systems also has offices in Detroit, Michigan; East Hartford, Connecticut; and Rotherham, UK. International distributors are located in Europe and Asia.

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