

FOR IMMEDIATE RELEASE CONTACT:

NISHANT SAINI 952-832-5615

nishant.saini@thirdwavesys.com

THIRD WAVE SYSTEMS INTRODUCES REVOLUTIONARY CHATTER-AVOIDANCE TECHNOLOGY, TRANSFORMING MACHINING INDUSTRY YET AGAIN

Industry leader rolls out breakthrough innovation designed to eliminate the near-universal problem of unwanted vibration in the machine tooling process resulting in poor part quality.

(JANUARY 23, 2023) – Third Wave Systems, Inc., a premier Finite Element Analysis (FEA)-based, machining simulation provider based in Minneapolis, Minnesota and with offices and distribution centers in the United States, Singapore, Japan and around the world, announced today a dramatic breakthrough in machining simulation technology that reduces, and in some situations eliminates, the chronic problem of chatter in manufacturing production. “We’ve been fine-tuning this for a while and now we’re ready to bring this innovation to market,” said Kerry Marusich, President and CEO of Third Wave Systems. “This technology will be a significant step forward in helping our customers achieve greater quality, drive higher margins, and fortify their positions as global leaders in machining.”

Third Wave Systems’ new chatter avoidance technology is integrated into its premiere product, Production Module 9.0., and enables almost any production supervisor to increase throughput by +50%, decrease consumables costs, slash scrap rates, and deliver on-time.

With the easy input of a few simple measurements, PM 9.0 identifies an ideal RPM for spindle speed and depth of cut, creates a proprietary chatter-avoidance map, and eliminates costly, time-consuming trial-and-error production methods. “This is a true, innovative breakthrough,” explains Marusich. “The technology gives nearly any engineer the capability to significantly extend tool life, reduce waste, and deliver remarkably better surface finish on parts. It is yet another way we are transforming the way manufacturers bring their products to market.”

###

Third Wave Systems (TWS) is a team of driven, solutions-oriented technologists focused on high-performance cloud computing, FEA, materials, and other bold innovations in motion. TWS collaborates with the brightest minds in the industry to help companies move faster and bring advanced thinking to an ever-changing world. The company is privately-held, based in Minneapolis, and supports offices and distribution around the globe.