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## Third Wave Releases Production Module 6.1

**MINNEAPOLIS, MN.** (1 June 2012) – Third Wave Systems has successfully released version 6.1 of its NC program optimization software, Production Module. The update was shipped to customers in May of 2012, at the same time that Third Wave announced that it had made several internal staffing changes to better align its technical support resources with customer needs.

Production Module is NC program optimization software that integrates physics-based workpiece material models, cutting tool geometries, CAD/CAM inputs, and machine dynamics to predict and display machining performance indicators not easily attainable from trial-and-error testing. By plotting factors such as force, temperature, and spindle power along the entire toolpath, Production Module modifies feed rates and enhances engineering expertise, helping companies create processes that machine dramatically faster and promote improved tool life and part quality. New features and product enhancements implemented in Production Module version 6.1 include:

- **Split arc optimization:** an extension of the split-line optimization capability, providing additional cycle time savings opportunities for companies working with toolpaths that utilize large arc movements with varying workpiece engagements. This functionality gives the user the option to split arc moves into smaller segments and introduce more feed rate changes in order to provide the most consistent cutting forces, thereby achieving additional time savings without sacrificing tool life.
- **Improved CAM interfaces:** increased support for new tool geometries and a simplification of stock geometry selection and coordinate system setups within the software's existing CAM interfaces (NX, CATIA, Mastercam, ESPRIT), allowing users to set up project analyses with less effort and time.
- **Expanded G-code coverage:** additional toolpath support for G-codes such as G68.1, as well as new scaling capabilities for G&L controllers, expanding the range of toolpaths that can be optimized using Production Module.

A webinar to review these features, as well as other software updates made in version 6.1, has been scheduled for Thursday, June 21, 2012. All Production Module users received personal invitations to attend the webinar with updated license information.

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**ABOUT THIRD WAVE SYSTEMS, INC.** Third Wave Systems ([www.thirdwavesys.com](http://www.thirdwavesys.com)) is a premier machining computer-aided engineering (CAE) provider. Its modeling products and services are used by progressive companies to dramatically reduce costs of machined components, accelerate design cycles, improve part quality, and get to market faster. This validated material modeling technology gives engineers access to more information than trial-and-error tests, allowing them to make better decisions. Third Wave is headquartered in Minneapolis (USA) with a remote office in Detroit (USA), representation in California (USA), and distributors throughout Europe and Asia.

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