

Third Wave XChange NX™

Third Wave Systems Production Module, now integrated into Siemens' NX software

Production Module users can now easily set up and optimize their part programs using process data contained within Siemens NX™ to streamline project setups and store optimization data within Siemens NX™.

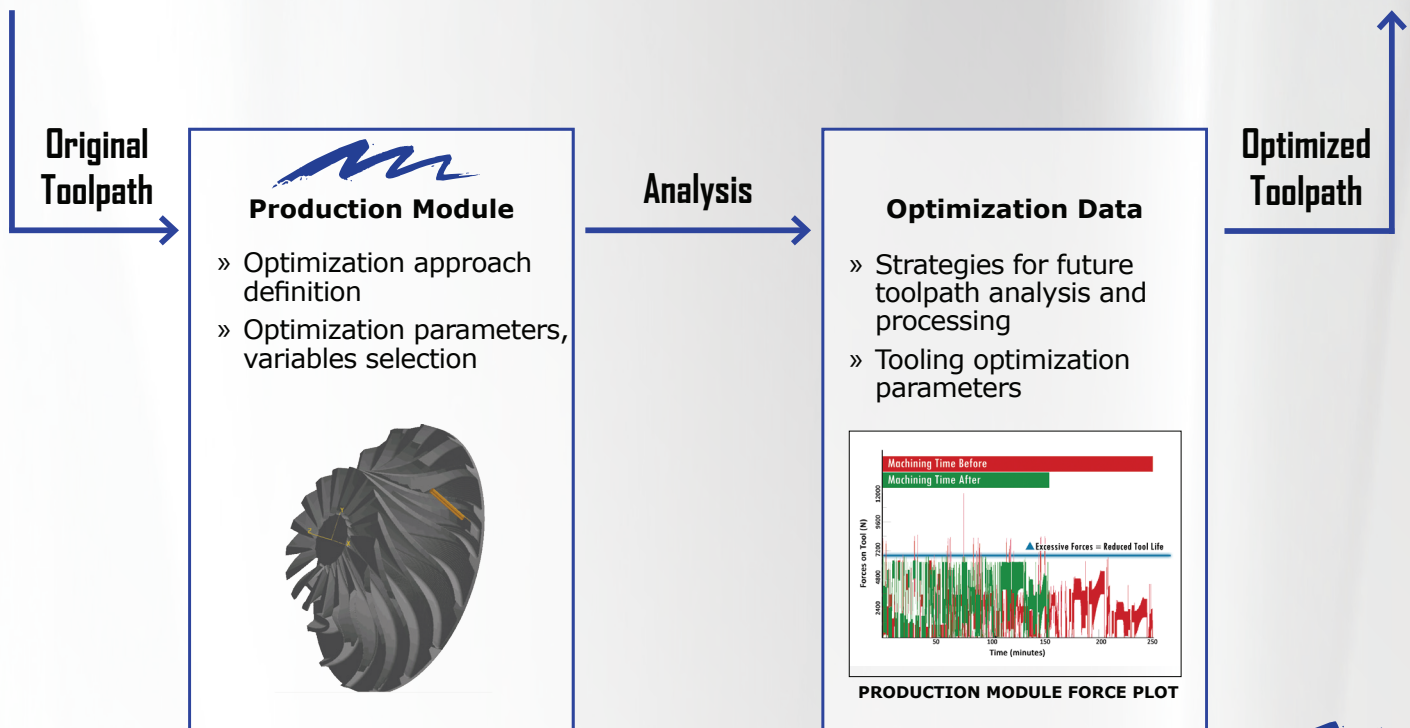
Third Wave XChange NX is a data transfer interface between Siemens NX CAM and Third Wave Systems' Production Module, an NC toolpath optimization software. Third Wave XChange NX was developed to streamline Production Module project setups and store toolpath optimization data within Siemens NX. Users of XChange NX can quickly and efficiently optimize turning and milling toolpaths to achieve significant cycle time savings.

BENEFITS

- » Optimization effortlessly becomes part of your NC programming process
- » Achieve significant cycle time reductions of 20% or more on turning toolpaths and 25% or more on milling toolpaths
- » Store optimization settings inside NX .prt file for process traceability

SIEMENS
NX

- » Process traceability assurance
- » Machining process data management



ACHIEVE SIGNIFICANT CYCLE TIME SAVINGS WITH PRODUCTION MODULE

Summit Machine utilized Production Module from Third Wave Systems to minimize their machining times and balance tool loads. As Boeing and Airbus began ramping up monthly production of 737s and A320s, it became imperative that Summit engineers identified more efficient machining strategies to meet expanding delivery requirements.

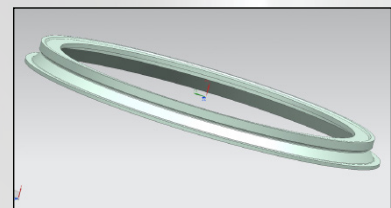
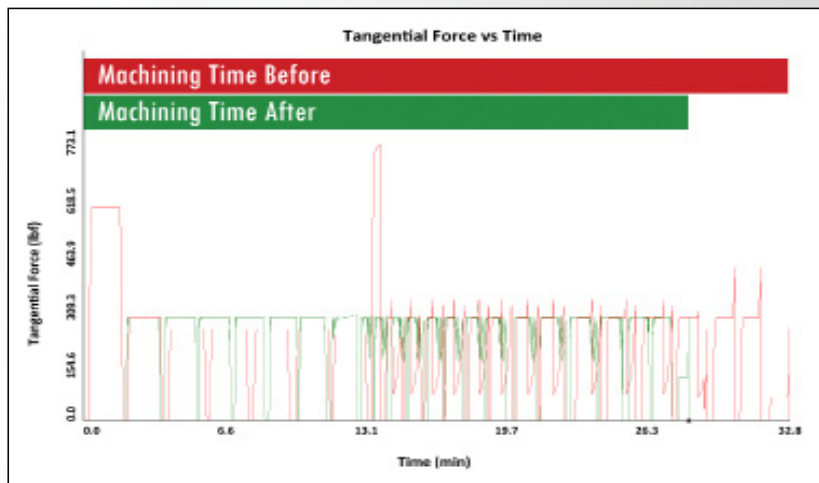
Summit Machine specializes in the rough and finish machining of complex components for the aerospace, commercial, defense, power generation, space, and petroleum industries.

Results:

- » Overall machining cycle time reduced by approximately 30%
- » Operator intervention eliminated
- » Tool life extended
- » Software was purchased and used to optimize similar machining configurations for other programs

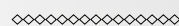
Part:

- » The CFM56-7 engine is the exclusive powerplant for the Boeing 737 and is also used in the Airbus family of A320 aircraft; its Stage 3 and Stage 4 labyrinth seals are machined from nickel-based (Waspaloy) contour forgings using three operations.



To learn more about Third Wave Systems products and services, visit www.thirdwavesys.com. If you'd like to setup a live web demonstration for Production Module, contact us at sales@thirdwavesys.com, or +1-952-832-5515.

ABOUT THIRD WAVE SYSTEMS, INC. > Third Wave Systems develops and sells premier materials based modeling software and services for machining solutions. Innovative manufacturing companies implement these solutions to dramatically reduce costs of machined components, accelerate design cycles, improve part quality and get to market faster.



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