MACHpro
Tool Path Analysis and Feed Optimization

- Digitally run and verify the complete tool path based on physics-based predictions such as cutting forces, spindle loading, and part/machine flexibility

- Locate chatter-prone areas along the toolpath and correct them prior to machining the first part

- Automatically generate a new, efficient, and feed-optimized tool path ensuring the best cutter, spindle, and machine tool utilization

- Compare the performance of different tool path strategies, optimize them and benchmark productivity improvements in a digital environment

Npro
Siemens NX™ Plugin for NC program Verification and Feed Optimization

- Run physics-based process simulation to verify the safety and performance of machining processes directly in NX™ Software

- Automatically and seamlessly optimize feed rates of a native NX™ tool path to boost productivity while respecting the machine, and tool's physical limits

- Store all settings, simulation and optimization results in the Siemens NX™ "prt" file for maximum traceability and reproducibility

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All software modules have video guided training modules, and our application experts assist the users with instant response.
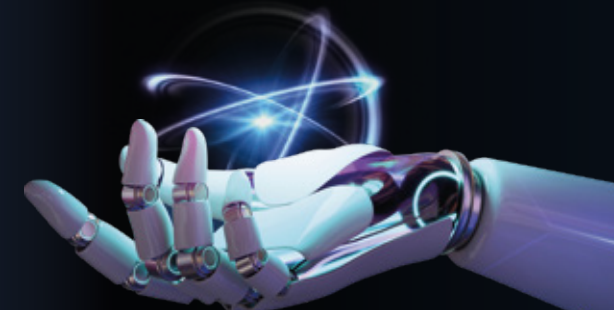
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