



## Advanced NC Manufacturing Solutions

### Custom NC Post-Processors developed by ICAM Technologies

Custom NC post-processors created by ICAM's senior NC manufacturing experts are developed to optimize the performance of CNC machines and to allow users to exploit the advanced functions of their respective machine tools.

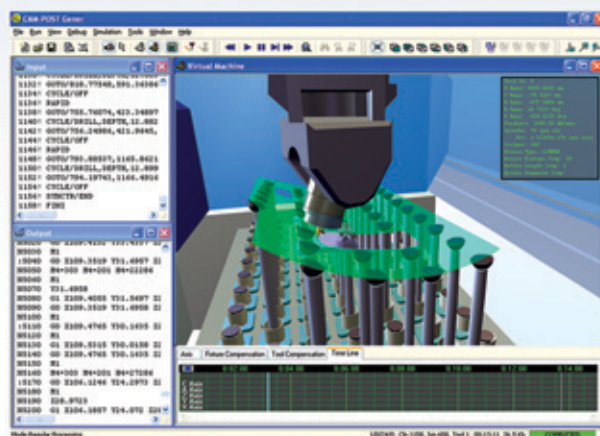
ICAM's custom NC post-processors are created using CAM-POST® therefore, these posts inherently interface with all major CAD / CAM / PLM systems, controllers and CNC machines and support various advanced multi-axes machining applications.

ICAM post-processors are versatile programs that may be customized to reflect unique shop floor practices and manufacturing methodologies; thereby, allowing operators to standardize the programming their machines.

ICAM's custom NC post-processors can also emulate High Speed Machining functions without the need for an HSM control. Furthermore, NURBS fitting, Arc fitting and LINTOL rotary-turn-around are also supported.

The result is a dramatic reduction in machining time and improved part quality. All ICAM NC post-processors are guaranteed and backed with one year of technical maintenance and support.

ICAM Technologies Corporation has been developing NC post-processing technology for over 35 years and its NC post-processors have been implemented by manufacturers in major industries around the world.



## ICAM Custom NC Post-Processor Capabilities & Benefits

### Benefit Highlights:

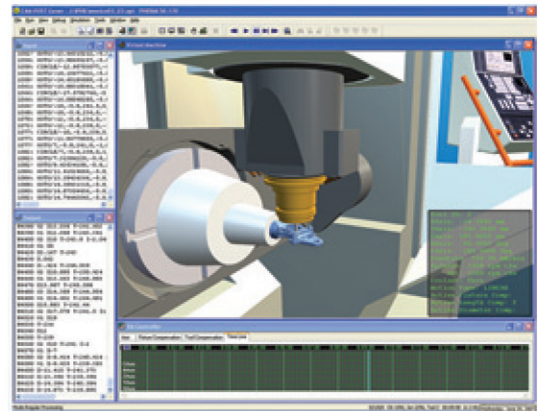
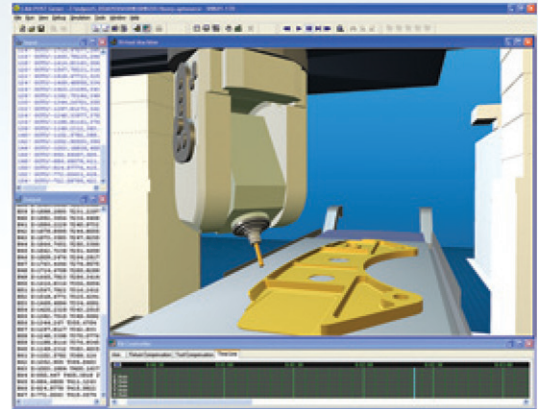
- Cost-effective NC post-processing solution
- Improves productivity
- Protects manufacturing tools and NC machinery
- Ensures that NC machine features are fully utilized
- Guaranteed to support the standard features of any NC machine

### Standard Features:

- Supports Rotating Tool Center-point Programming (RTCP)
- Advanced 5D machining specifications
- Tape or DNC output
- Support for any CNC machine
- Axis and feed rate checking
- HTML capable output
- Cross-platform database compatibility
- Travel, machine time and tooling summary
- May function in imperial and / or metric units
- Custom NC post-processing documentation included
- Full technical support available

### Special Features:

- Virtual Machine® integration
- Coordinate Frame Transformation
- High Speed Machining
- Arc and NURBS Fitting
- Lintol rotary-turn-around
- Probing Cycles
- Special Cycles
- Sub-programs
- Special NC machine kinematics
- Conversational Languages



### Supported CNC Machine Tools:

- All classes of CNC equipment supporting any combination of rotary heads and/or rotary tables including:
- Mills
  - Lathes
  - Horizontal/ Vertical Machining Centers
  - Merging Lathes
  - Multi-Tasking Mill/Turns
  - Punch Presses
  - Wire EDMs
  - Water Jet Cutting Machines
  - Laser Cutting Machines
  - Plasma & Flame Cutters
  - Hybrid and Special CNCs

### CAD / CAM / PLM Systems:

- CATIA V4
- CATIA V5
- NX SIEMENS PLM Software
- PRO/ENGINEERING
- MASTERCAM
- CADD5-5 NC
- CIMATRON
- TopSolid' CAM
- DUCT
- GIBBSCAM (APT)
- I-DEAS MASTER SERIES
- NCL
- OPEN MIND HYPERMILL (APT)
- POWERMILL
- SURFCAM
- WORK NC

### Computer Hardware Platforms:

- Intel compatible Microsoft
- Windows XP / 2003 / Vista
- International Business Machines (AIX)
- SUN Microsystems (SOLARIS 2)
- Hewlett-Packard (HP-UX)

### APT processors:

- CAM-APT-SURF
- HMS-APT
- APT-AC
- EX-APT
- WS-APT