

# SmartCAM Advanced Wire EDM™ V17

Powerful, Flexible, Affordable...SmartCAM

Generate precise  
CNC wirepath  
and code for  
2- through 5-axis  
wire EDMs

## SmartCAM Wire EDM

SmartCAM Advanced Wire EDM™ software provides wirepath for both 2- and 4-axis wire EDM machines. It offers the flexibility and functionality you need today plus a long term growth path for your future needs. Like all SmartCAM® applications, Advanced Wire EDM is designed to help you reduce your programming time, improve your machining processes, and deliver your customer's parts quicker.

## Ease Of Use

SmartCAM applications operate on Microsoft Windows 7 Professional, Microsoft Vista® Business, Windows XP® and Windows 2000 operating systems. The user interface uses manufacturing terminology and logical operation sequences that even first time users will find familiar and experienced users can apply quickly.

## Shorten Part Delivery Times

SmartCAM Advanced Wire EDM provides comprehensive cutting solutions that help you get jobs done faster and shorten part delivery times, including:

- Robust wirepath creation and editing functions enable you to create and edit complex part profiles and create machine-ready CNC wirepath.
- True 4-axis surface offset is maintained regardless of the wire taper angle.
- No core cutting allows unattended roughing operation.

## Functionality Saves Time

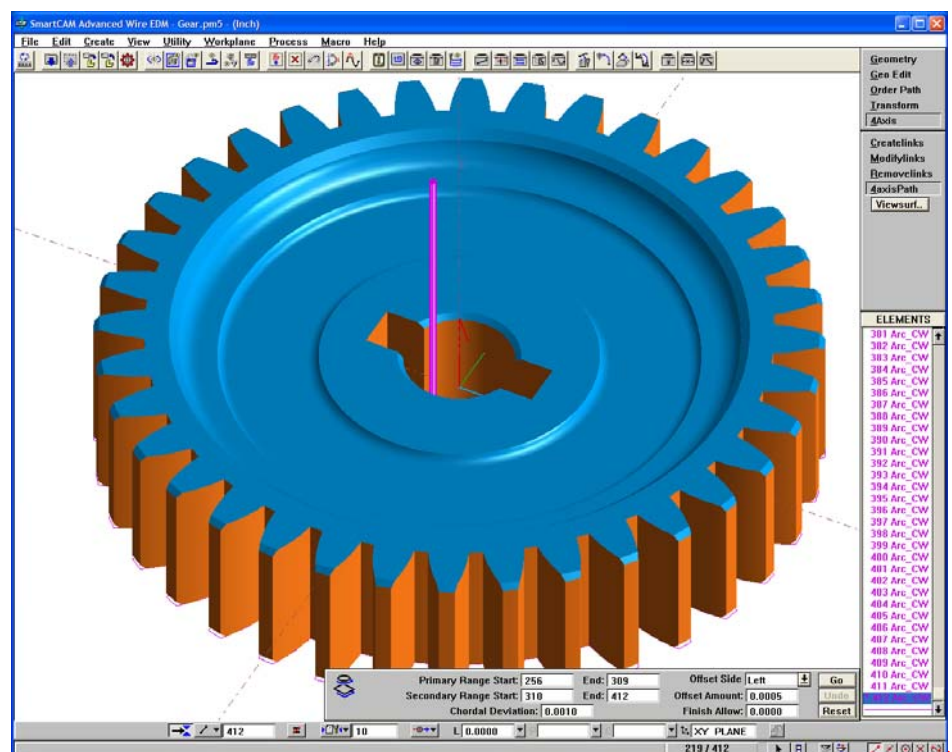
SmartCAM Advanced Wire EDM offers a range of time-saving solutions, including:

- Automatic glue stops
- Dimensioning
- Gears
- Roughing & skim passes
- Simplified taper cutting
- Subroutine support
- Z-level support

## Eliminate Surprises

Visual verification capabilities improve product quality and save you machine time and material costs.

- Verify before you cut. The model will show you both wirepath and “as cut” surfaces.
- Custom tool graphics help you visualize special setups. For example, you may create graphics for the wire which include upper and lower guides.
- Dimensioning and notes capabilities help with shop floor documentation.



*SmartCAM Advanced Wire EDM*

## Capture Your Manufacturing Expertise

### ▪ Job Operation Planner

The Job Operation Planner is a unique SmartCAM function that helps you organize and store tooling and machining operations information so you can capture proven machining methods and reuse them.

### ▪ Customization

Almost everything about SmartCAM applications — from the user interface to the way code is output — can be customized to streamline your work. SmartCAM applications put you, not the computer, in control.

## CAD Formats Supported

Import, export, display, and machine from solid, surface or wireframe CAD data using SAT, STEP, IGES, DXF or DWG formats. Surface geometry may also be exported in STL format.

SmartCAM provides you complete 3D solid-model support.

## The SmartCAM Wire EDM Advantage

SmartCAM applications are the best value in the CAM marketplace. That means you get maximum return on your investment. And as your business grows, the SmartCAM family of applications for 2½- through 5-axis milling, 2- through 6-axis turning, 2- through 5-axis Wire EDM and fabrication will continue to meet your competitive needs.

## DNC & Editing Software

Every license of SmartCAM now comes with Predator CNC Editor for SmartCAM™, an OEM version of the industry-leading standard version from Predator Software, Inc.

It is the most popular 32-bit CNC code editor available on the market, is extremely easy to use and includes many features to improve the day-to-day productivity of CNC machine tools. Predator CNC Editor for SmartCAM is the ideal choice for the CNC editing and DNC needs of all SmartCAM users.

Features include DNC in the background, Math Operations including trigonometry functions, Color Highlighting of the NC program and more.

## System Requirements

### Operating System

Recommended: Microsoft Windows Vista® Business, Windows XP Professional or Windows 2000

### Processor (CPU)

Minimum: Intel Pentium® IV or AMD Athlon® XP

Recommended: Intel Pentium® IV or AMD Athlon® XP, Intel DualCore or higher

### Physical RAM

Minimum: 128 Mb

Recommended: 1 Gb or greater

### Hard Disk Space

Minimum: 25MB for installation

### Video Display

Minimum: 1024x768 display resolution with True Color, 32MB display RAM; hardware-accelerated OpenGL v1.2 (or higher)

Recommended: 1280x1024 display resolution with True Color, 256MB display RAM; hardware-accelerated OpenGL v1.2 (or higher)

### Network Card

Ethernet or NIC card. Motherboard embedded with NIC are NOT recommended. The network card does NOT need to be attached to a network; it is used with SmartCAM software licensing.

### Devices

Digitizers must be configured as a mouse. 3D Mouse supported.

## More Information

For more information on how SmartCAMcnc's SmartCAM products can contribute to your productivity and profits, go to:

[www.SmartCAMcnc.com](http://www.SmartCAMcnc.com)

Or email:

[info@SmartCAMcnc.com](mailto:info@SmartCAMcnc.com)

Or call:

541-344-4563

(For dealer inquiries, please email: [dealer.inquiries@smartcamcnc.com](mailto:dealer.inquiries@smartcamcnc.com))

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