



Prime Technologies Ltd

Specialists in providing software solutions, training, and customisation for CAD/CAM applications



Contact Details:

Prime Technologies Ltd

Tel: 01254 775389

Fax: 01254 775389

Email: info@primetechnologies.co.uk

Web: www.primetechnologies.co.uk





Background

Prime Technologies Ltd has been providing Production engineering solutions to manufacturing companies for many years.

The company specialises in providing services based around CNC machining technologies and offers a comprehensive support package designed to meet the specific needs of each client.

The expertise and care that we bring to each of our services reflect two overriding objectives: First, to insure that our assistance is of the highest quality. Second, that our clients receive the maximum return for their investment.

Because we are small, we carefully limit the number of our active projects and clients. We manage each project to insure that we remain focused on a very limited number of assignments. Our aim is to develop a close partnership during the initial phase of each project, and to continue this level of trust and communication as future needs arise.

All projects undertaken are time and cost effective and completed with concentrated dispatch.



Experiences

In response to client needs and requirements, **Prime Technologies'** Numerical Control (NC) Programming Department is able to provide the complete NC programming service, comprising all aspects from drawn components to verified and ready-to-test NC programmes.

The experience of the Department includes in-house support for re-engineering activities using SmartEDGEcnc and various Solids Verification processes for tool path simulation.



NC Programming Languages

Programming languages used or experience of use by the Department include:

- SmartCAM
- EdgeCAM
- Generative Machining
- NCL
- HyperMILL

Experience

The Department has built up extensive experience in the use of the following machine tools:

- Wadkin 3 Axis
- Ferrari 5 Axis
- KTM FM300
- Cincinatti 4 Axis
- Bridgeport 4 Axis
- Mazak FH6800
- Traub
- Wahli 100
- Anderson Router
- Denford (Heidenhain)
- Mitsui
- Beaver HC20
- Boko 6 axis machining centre

Recent Projects

Recent projects include:

- BAe Tornado and Harrier
- Airbus A320, A321
- Eurofighter
- Jaguar Cars
- General Sub-contract

CAD Conversion Experience

- CATIA
- Anvil
- Autodesk Inventor
- Solid Works
- Pro Engineer
- IDEAS



Advanced Verification and Reverse Engineering Technology developed by Prime Technologies

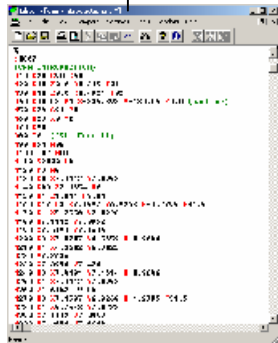
Product Overview:

Reads and validates CNC code files and creates editable toolpath
 Pre-defined machine configurations and user definable CNC code formats
 Take a proven program, validate, edit, change code format
 Provides user with a means to convert CNC code format e.g. Fancu to General Electric. Supports 2 ½ & 3 axis plus B-axis positional also hole cycles.
 Provides Solids Verification of CNC code files

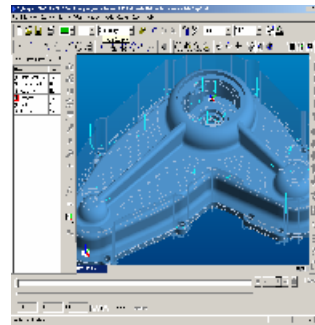
The Engineering concept:



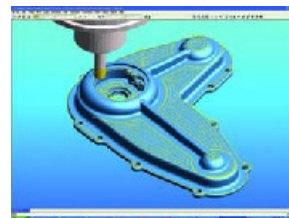
From machine or manual program to SmartEDGEcnc



Into SmartCAM / EdgeCAM as graphical and editable toolpath all manufacturing properties retained



Solids verification then out to the next machine tool





Experiences cont.

The company has been successfully involved in numerous CAD & CAM development projects providing our clients with customisation routines and systems, which enhance the core capabilities of the design software.

Understanding how to get the most from a software solution often requires professional training. Prime Technologies aim is to providing CAD/CAM training, which exceeds our client's expectations.

Industries serviced include:

- British Aerospace
- Bottle transfer mechanism & design
- Civil Engineering
- Mechanical Engineering
- Nuclear fuels
- Wood Working

SmartCAM Distributor – Prime Technologies Ltd has been appointed by SmartCAMcnc as distributor for SmartCAM products and supporting services, the aim being to provide a local service link for UK and Ireland customers. Prime Technologies will initially be responsible for re-establishing product maintenance contracts for existing customers and providing local support and training. More information on these services and the latest release of SmartCAM products can be found at www.primetechnologies.co.uk

This document was created with Win2PDF available at <http://www.daneprairie.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.