

edgecam

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## What other people have to say about Edgecam

“Edgecam plays a massive part in reducing complexity and timescales.”

**Jon Raimbach, Engineering Manager,  
Oxford Engineering Limited, UK**

“Thanks to Edgecam, we have cut the time to machine on one particular part by seven hours. We have reduced the cost of machining each component substantially and have managed to reduce our tooling costs on certain projects by 37%.”

**Tony Freeman, Operations Director,  
Thomson Machine & Tool Company Limited, UK**

“The purchase of Edgecam has led to a dramatic reduction in programming times, which has given the company an extra edge that allows it to stay ahead of the competition.”

**Federico Vit, Director,  
Vit Tornio meccanica, Italy**

“Programming time has been sliced by 90% with Edgecam. The gains are huge, enormous! We have also eliminated the errors that are inevitable with manual coding, especially when working without good drawings.”

**Aaron Horwood, Programming Manager,  
Tonnard Manufacturing, USA**

**For more information,** please contact us by email on [info@edgecam.com](mailto:info@edgecam.com) or visit [www.edgecam.com](http://www.edgecam.com)

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## The only CAM system you'll ever need

- Production milling
- Production turning
- Mold & die
- High speed milling
- Mill/Turn machining
- 4 and 5-axis machining
- Full machine simulation

Providing solutions for the world's manufacturing industry



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Reseller logo here



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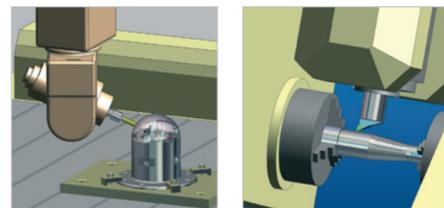


## Providing solutions for the world's manufacturing industry

Edgcam is a market leading computer aided manufacturing (CAM) system for NC part programming. With unparalleled ease of use and sophisticated toolpath generation, it's the only CAM system you'll need for milling, turning and mill-turn machining.

Companies in industries such as motorsport, oil & gas, fluid power, automotive and mold & die manufacturing, rely on Edgcam for their most complex programming tasks.

Edgcam Solid Machinist reads native data from all major CAD systems, avoiding data translation problems or potential issues with 3rd party interfaces. State-of-the-art solids-based machining includes automatic feature recognition and full model-to-toolpath associativity.



In highly competitive markets, automation is the key to reducing programming time, maximising efficiency and ensuring consistent use of your company's best practice manufacturing methods. Edgcam utilises your in-house knowledge and experience to drive the CAM process with automation tools to suit different applications - allowing you to maintain your competitive edge.

## Edgcam for a quick and reliable route to manufacture

### Production milling

Edgcam offers a wide range of powerful roughing and finishing cycles that can handle the most complex components. High performance 3-Axis cycles are complemented by a range of 4 and 5-Axis simultaneous strategies to increase flexibility and efficiency of the machining process.

### Production turning

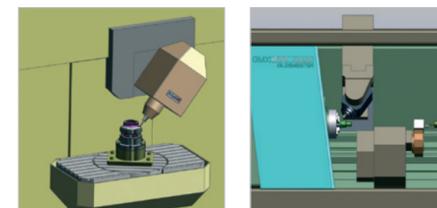
Whether you are working with a traditional 2-Axis lathe or the latest multi-turret or mill/turn machining centre, Edgcam meets all your production turning needs. On a mill/turn machine, C, Y and B-Axis milling and drilling are fully integrated with the turning session. Full machine simulation helps to ensure safe operation, displaying all machining operations and part-transfer from spindle to spindle.

### Mold and die

Edgcam is the ideal solution for mold and die applications, combining simple 2-Axis machining functionality for plates, and advanced 3-Axis machining cycles for more complex geometry.

### High performance milling

Edgcam offers a full range of machining strategies designed to minimise cycle time and maximise tool life, whilst ensuring a high quality surface finish. Intelligent roughing strategies offer quick and efficient machining through advanced features like trochoidal milling and adaptive feed rates. Flexible finishing cycles deliver



optimum surface finish regardless of the component geometry. Automatic rest machining gives further efficiency improvements by targeting only the material inaccessible to the previous tool.

### Mill/turn machining

Mill/turn machines capable of milling and turning operations in a single setup represent enormous productivity improvements and Edgcam is the ideal CAM system to capitalise on such machine tool investments. The graphical timeline allows users to synchronise operations on different turrets and spindles, optimising manufacturing processes and minimising cycle times.

### 4 and 5-Axis machining

A comprehensive range of simultaneous 4 and 5-Axis strategies provides machining solutions for the requirements of specialist industries such as aerospace, automotive and oil & gas. Multi-Axis machining offers key advantages by reducing the number of operations required for the production of complex components.

### Simulation and verification

With Edgcam Simulator, accurate models of the machine, complete with turrets, spindles and other moving elements are available for full machine simulation. Toolpath verification shows material removal and provides a realistic image of the machined component, along with an accurate rendering of its surface finish.

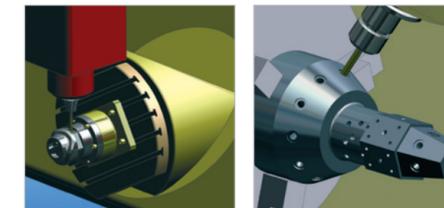
Edgcam does much more than generate NC code. Innovative productivity tools help to streamline programming for maximum efficiency and quality.

**Edgcam Strategy Manager** enables in-house knowledge from previously-machined parts to be utilised to streamline programming and achieve new levels of consistency and automation – for improved productivity and a rapid return on investment.

**Edgcam Part Modeler** offers easy parametric solid modelling: ideal for fixture, jig and tooling design and simple component construction.

**Edgcam Code Wizard** is a unique tool which uses a template based approach to create high-quality NC code tailored to your individual preferences and a wide variety of tools - from 3-Axis mills to the latest 5-axis mill/turn machining centres.

**Edgcam ToolStore** is an easy-to-use database for all tooling, technology and material data. It includes full tooling



geometric data and graphics, along with an extensive materials library to provide automatic feed rate, spindle speed and depth-of-cut calculations.

**Edgcam Job Manager** is an easy-to-use shop floor data management tool, allowing users to store and share information relating to each project. Setup sheets, tooling lists and other important job related information is presented in HTML format to enable posting on internet or intranet pages.

With the right tools, the right price, and rapid return on your investment - Edgcam is the only CAM system you'll ever need.