

CASE STUDY



hyperMILL Software from OPEN MIND Technologies Does a Good Turn for Altec Engineering

OPEN MIND Technologies delivers a further seat of hyperMILL CAM software to fellow NEAA member Altec Engineering Group.



"We diligently trialled various packages, but nothing compared to the *hyperMILL* package. We have since installed a selection of machines from various vendors and OPEN MIND has supplied the post-processors for every machine. This has made the integration of any new plant completely seamless. We would certainly recommend OPEN MIND to other manufacturers."

Anthony Powell / Engineering Manager / Altec Engineering



"We were first introduced to Altec over 10 years ago. We demonstrated our CAM software and completed a successful trial for 3-axis machining which led Altec to purchase our entry level 3-axis hyperMILL package. To retain its competitive edge over the last decade, the technology and innovation investment at Altec has evolved beyond recognition and additional CAM seats and 5-axis packages have been installed. OPEN MIND has been at Altec's side for every step of their evolution."

Matt Coulson / Sales Manager / OPEN MIND Technologies UK

Background

Key to Altec Engineering Group's continued success has been ongoing investment in state of the art CNC machine tools, facilities, infrastructure and personnel.

In excess of £1.5m has been spent on CNC machine tools alone in recent times, including the purchase of two large Mazak 5-axis machines, a Studer CNC universal grinder and multiple seats of *hyperMILL* CAM software from fellow alliance member OPEN MIND Technologies.

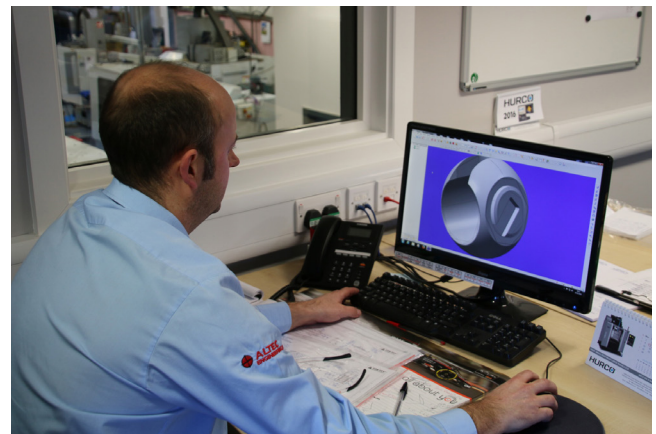
Approach and Solution

Altec's machine shop boasts over 15 CNC machine tools that include a variety of 3, 4 and 5-axis machines from Haas, Hurco, Mazak, Mori Seiki, XYZ and Studer. The one common factor that links these machines is that they are programmed with CAM software from OPEN MIND.

Altec now has four seats of *hyperMILL* with the most recent including the latest millTURN module for the company's turning centres. Altec machine shop produces anything from 1 to 20 off batches of complex parts from materials that range from aluminium and stainless steel through to most exotic materials. With anything from 200 to 500 individual parts produced each month, the efficiency of the programmers is down to their expertise and the programming speed of *hyperMILL*.

Outcome and Advantage

- OPEN MIND products enable cost-effective and efficient manufacturing processes.



About OPEN MIND Technologies UK

OPEN MIND Technologies develops and sells innovative CAD/ CAM solutions that generate optimised NC milling and turning programs for machine tools from digital models interfaced from any CAD platform.

About Altec Engineering

Altec Engineering provides full engineering contract support for Mechanical & Electrical Engineering, CNC Precision Machining and Special Purpose Machine Design & Build, to a wide range of industries including Oil & Gas, Nuclear & Renewable Energy, Aerospace, Space Science, Medical Science, Automotive and Defence.

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