



# SolidCAM

iMachining – The Revolution in CAM!



SolidCAM - The leading Integrated CAM Solution

## Education

### Providing the 'Best-In-Class' CAM Solution for Education

SolidCAM has been implemented as the flagship CAM software within many Universities worldwide, giving students practical manufacturing experience to ensure the next generation of Engineers have a successful future in a climate of rapidly changing, competitive, high-tech vocations.

The SolidCAM Educational version is the perfect tool for studying SolidCAM and machining, as it fully integrates with SolidWorks and provides the *full* power of the Industrial version including the unique, revolutionary and patented iMachining.

Using a CAM package which provides seamless single window integration and full associativity with the SolidWorks design model, allowing students to stay in the CAD environment that they are used to, has become a no-brainer for educational establishments. All machining operations can be defined, calculated and verified without leaving the SolidWorks environment and if any changes to the CAD model

are made, then all CAM operations will be automatically updated; therefore errors are reduced when the model changes; an essential feature when material budgets are tight and scrap is to be avoided.

University of  
South Wales  
Prifysgol  
De Cymru

The University of South Wales (USW), with campuses in Cardiff, Pontypridd and Newport, is renowned for its partnerships with major international employers across industries including automotive and aerospace, as well as providing modern and relevant engineering degrees to the highest standard supporting students with working towards Chartered Engineer status.



***"In a University environment, our final year students, have in practice just twenty weeks to design, build and test the Engineering solutions they develop to solve problems for turning and milling operations. SolidCAM gives us the ability to complete their assessments fast, and delivers accurate modelling of the tool paths."***



***SolidCAM iMachining has enabled us to see the calculations of the cutting parameters in practice, optimizing the tool path. I would certainly recommend SolidCAM.*** Krastimir Popov, Senior Lecturer in Manufacturing at CES (Computing & Engineering Science), University of Wales (USW).

*SolidCAM's iMachining technology saves 70% in CNC machining time and more, and extends tool life dramatically.*

For more information on USW: <http://www.southwales.ac.uk/study/subjects/engineering-mechanical/>

Photos kindly supplied by USW,

**THE ORIGINAL**  
iMachining – exclusively from SolidCAM

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