
Topic: CAD in the Mech Eng Sector

MCAD

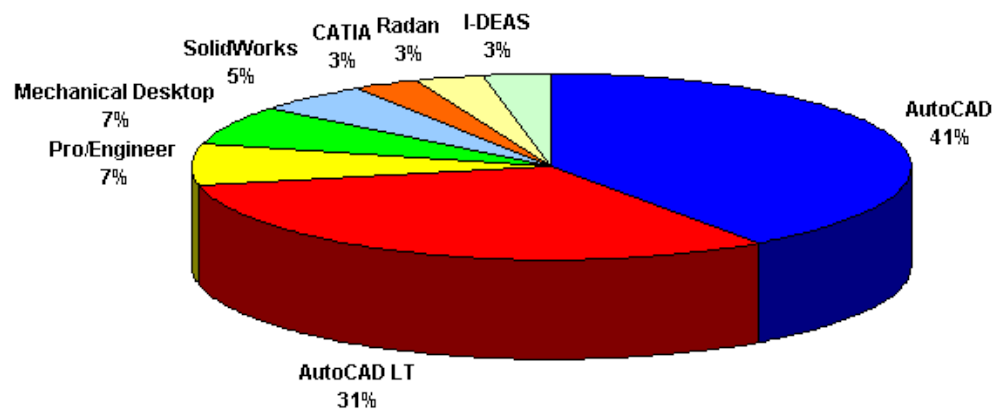
An article focusing on workstation demographics within today's CAD sector

iCAD is produced by Business Advantage, a B2B research, business development and marketing consulting practice operating in the global IT, Digital and Telecommunications sectors.

As usual, **iCAD** looks at research findings taken from our database of CAD users. This article focuses on the Mechanical Engineering sector, and the CAD packages used within it.

Mechanical Engineering Sites

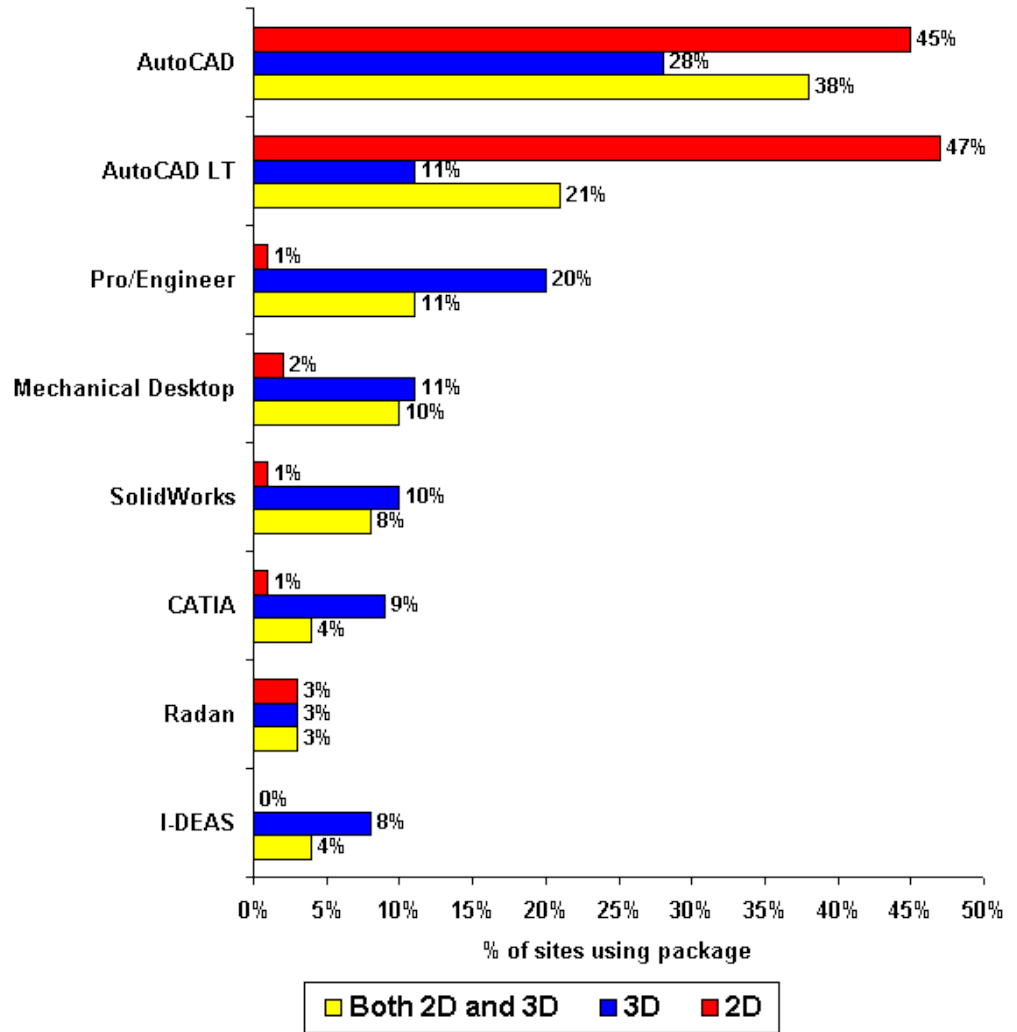
We looked at a selection of 6,437 sites in our database where CAD was used for a mechanical engineering application. Within these, we have looked at the 8 most used CAD packages. The chart below shows the dominance of AutoCAD and AutoCAD LT in this sector.



This data can then be broken down to look at whether the sites are undertaking 2D, 3D, or both 2D and 3D CAD. AutoCAD and AutoCAD LT are stronger in the 2D sites, whereas Pro/Engineer, CATIA and I-DEAS are stronger in the 3D sites.



Summer 2003

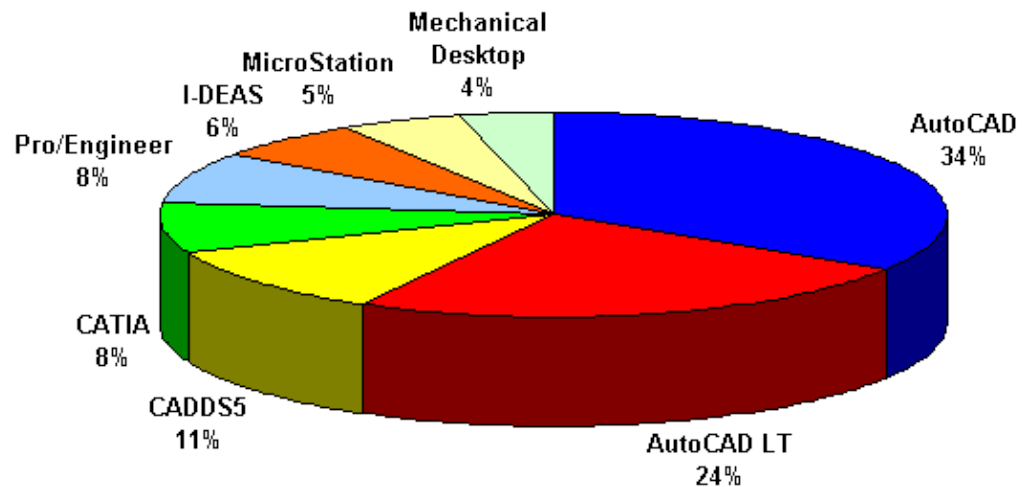


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Mechanical Engineering Seats

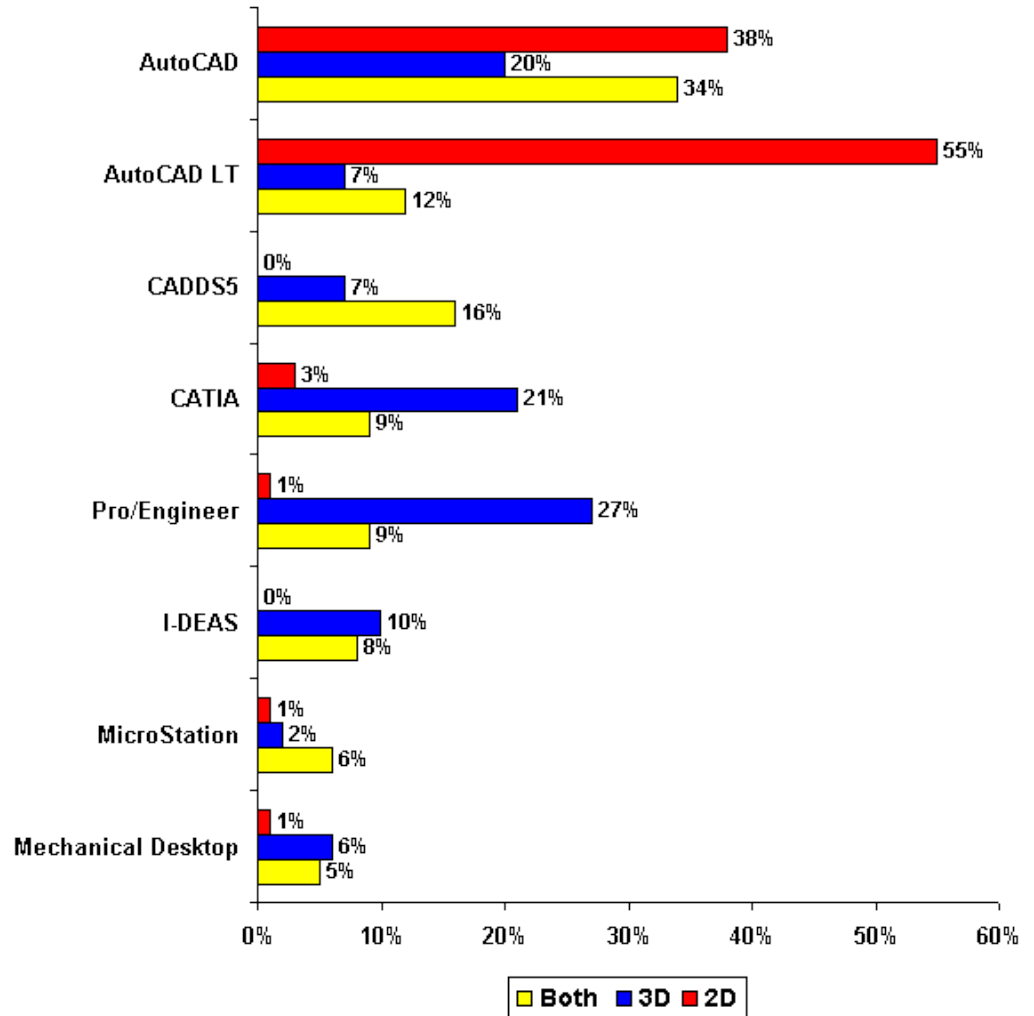
If the basis of the analysis alters to look at the number of CAD seats in mechanical engineering, rather than the number of sites, we have a base of 33,951 seats. When looking at their usage, CADD5 and MicroStation enter the top 8 at the expense of SolidWorks and Radan, although AutoCAD still dominates. This infers that CADD5 and MicroStation are used in larger companies – as the number of sites using the packages is small, but the number of seats using them is high.



As with the overall sites, there are again variations in the usage of the packages by the type of CAD carried out by the company – 2D, 3D or both. AutoCAD is strongest in 2D, CATIA, Pro/Engineer and I-DEAS are favoured by those in 3D CAD, and CADD5 by users of both 2D and 3D.



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