

**A FEASIBILITY STUDY ON THE INTRODUCTION OF CAD/CAM
IN A METAL INDUSTRY**

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Summary

The scope of this project was to introduce the subject of CAD/CAM, with particular emphasis on the effects to the manufacturing productivity of a firm used on its tangible and intangible benefits and costs.

While the project proceeds, the technical aspects of CAD/CAM systems applicable to the metal industry, are introduced.

At the final chapter of this project, a description of the design and manufacturing operations of a firm, particularly "Archimedes Ltd", is given, as well as an investigation to which area the CAD/CAM system could be introduced.

Finally, a feasibility study on one particular area in which CAD/CAM may be utilized was carried out. This study includes; technical details, manufacturing and also the economic impact of using this system in the firm.

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