

CREATING THE FUTURE
TODAY...



COMPUTER AIDED DESIGN

RAPID PROTOTYPING

GRAPHICS DESIGN

DRAUGHTING SERVICES

ENGINEERING ILLUSTRATIONS

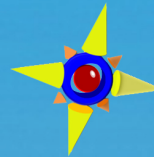
COMPUTER MODELLING

SIMULATION

PROCESS AND INSTRUMENTATION

ELECTRICAL ENGINEERING

THINKING OUTSIDE THE BOX



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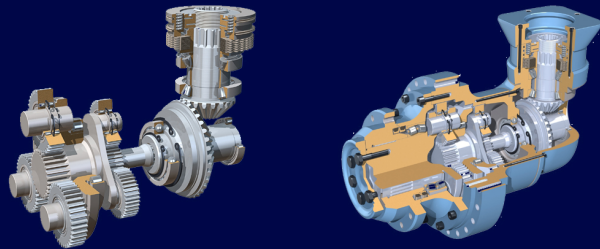
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21ST CENTURY THINKING...

Let's see what we can do for you...

Our experience in Engineering, Computer Aided Design and Systems Modelling can help your business, be it large or small. Our consultants and staff have worked on a wide variety of engineering projects, and as such, our business has diversified to meet our clients needs.



Computer Aided Design, prototyping and development

We utilise all of the major CAD packages, from Autodesk products to Bentley Microstation, 3DS Max and Solidworks. Our design draughtsmen all have experience in excess of ten years, in a wide range of engineering disciplines. They are at your disposal at an affordable price. Contact our sales team on 0800 019 9844 for more details.

Process, Piping and Instrumentation

We have years of experience in the Process Engineering business, which incorporates Petrochemical, Pharmaceutical and Heavy Engineering - indeed, many of our clients rely upon us to deliver solutions to design problems in the shortest time possible.



Mechanical and Electrical Design

Many of the projects we have worked extensively on have involved Railways, Underground and Rapid Transit Systems. Our staff and consultants have a vast experience base, having worked on projects such as the Northern Line Upgrade for London Underground and EDF Energy, Network Rail, ABB, and numerous power, road and rail projects in the United Kingdom and abroad.

Special projects and presentations

We have on more than the odd occasion been called upon to design and develop run throughs and models for clients to demonstrate their work.

Problem solving in both 2D and 3D

More often than not, a design schematic will not always show how one piece of equipment will interact with others or its environment. This is just one of the applications where we can determine cost effective solutions using 2D and 3D modelling. We can create both virtual and physical models of designs and developments, another way of demonstrating your designs and showing their potential.

One-off Designs and Prototypes

We realise that many companies are small and quite often require these services but cannot afford them. We aim to make these affordable, from the garden shed inventor, right though to large corporate projects. We also use a process called Stereolithography or 'Rapid Prototyping'. This is a very cost effective way of producing a physical three dimensional prototype for review and presentation.



Graphics Design

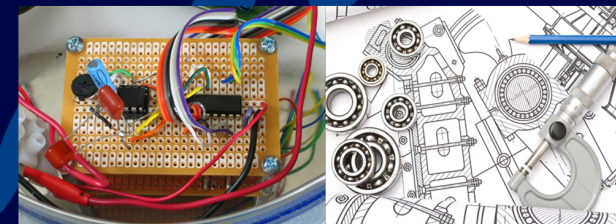
We offer a range of Graphics Design Services, using a wide range of software and design methodologies. Our artists can aid you in creating the right image to suit your graphics needs. Our design work is individually tailored to each client, recognising their need for both an individual approach and the need to make an impression first time, every time.

Amongst our services are:

- 2D and 3D Modelling.
- Architectural Services.
- Engineering Services to disciplines such as Railways and Transport, Petroleum and Pharmaceutical Engineering, Heavy Engineering, Electronic and Electromechanical Engineering, Manufacturing and Construction.
- Bespoke design work.
- Piecework.
- Layouts.
- Engineering Blueprints.
- Technical Illustrations.
- Technical Manual Drawings, Technical Authoring and Technical Book Illustrations.
- Schematic, Perspective, Orthographic, First, Third, Oblique Angle, Isometric and Axiomatic Projections.
- Image Manipulation Techniques.
- Cartoon Illustration for Office and Safety Posters.

Computer modelling and simulation

Computer simulation and modelling is a useful but often neglected engineering aid. Abstraction is a good problem solving tool, and we have years of generating tailor made models for clients. Our experts can create the right model for your needs, from financial forecasting to fluid dynamics. Why not call us and see what solutions we can come up with for your problems.

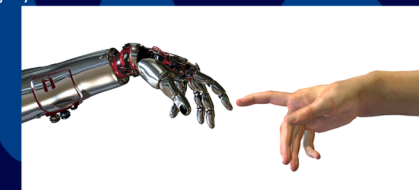


Electrical engineering

In this modern world, we are heavily reliant on electronic and electrical equipment. Because of this, there is a high demand for high quality, cost effective solutions in all areas of industry. We are well placed to meet this demand. We undertake a wide variety of small electronic and engineering projects using the latest software and simulation software to produce the right results for our clients.

We undertake work in many areas:

- Robotic, Mechatronic and Cybernetic Applications.
- Electronic and Computer Engineering.
- Electromechanical and Servomechanical Systems.
- Instrumentation, Signal and Telemetric Systems.
- Optical Systems.
- Power Engineering.
- Telecommunications.
- Radio Controlled Systems, Telepresence, Virtual Reality, Augmented Reality, and Radio Frequency Identification (RFID) Systems.



Software Engineering solutions

In this day and age, our lives are virtually ruled by computers, whether it is the car you drive in or the PC on your desktop. The internet in the last few years has meant that the global community can talk to each other and network in a way that is unprecedented in the whole of human history. We can develop a number of bespoke solutions for your company, everything from database development, dedicated invoicing systems or RFID tagging systems. Our team of engineers can create the right system for you, to fit your needs exactly. Try us and see.