



Engineering Design Experts

ENGINEERING COMMUNICATION AND COLLABORATION VIA TECHNOLOGY

WE CHALLENGES

With every project there are unique challenges which need to be fully understood for you to get the best outcome for your business; be that **ROI**, **improvements** in output or **efficient** use of resources.

Using the readily available **technology for engineering** projects provides a solid platform for outsourced design to collaborate closely with your wider team and external suppliers.


Close **communication** to better understand the people, the **culture**, the setting, the required outcome and the highlighted challenges is elevated with the addition of using tech but will never eliminate the value of face to face conversations and walking the job.



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FOCUSSED ON THE OUTCOME

There's more to an outcome than ROI, although it's exceptionally important, and we're focussed on the best outcome for each client we work with.

A collage of various engineering components and machinery, including a large industrial pump, a microgenerator, and various mechanical assemblies, arranged in a grid-like fashion.

"Their work meets the high standards expected of a prestigious new project such as ours. We would not hesitate to recommend them for further work of this nature."

Peter Mann & Christopher Deacon - Ibstock Brick



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OUTCOMES FOR YOU



You are guaranteed a unique solution exactly **tailored** to your business and industry.



You could see an **unexpected spin off**; one of our clients gained an **enhanced reputation** with their client due to the **elevated quality** of their communications and the presentation style for new product development proposals. The clarity and **modelling**, proposals and drawings produced by Bennett Engineering are yours to use to help gain an outcome that wasn't part of your project scope.



Solving a challenge without having to incur ongoing overheads is a cost-efficient way of approaching your engineering. Our clients, even as they **grow**, make use of a **rapid, flexible service** which is in the model of 'pay as you go'.



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SOLUTIONS FOR YOU



In every case the solution produced by our designers is **tailored**.

Furthermore it will be simple, easy to manufacture and make the best use of resources. Clients highlight how our approach to optimising their resources be it labour; machining time or materials **saves them time and money**.



Some clients have been using our services for many years simply because we have become their **trusted partner**.



It's easy to over engineer things to be safe, we'd always question that whilst always putting safety at the top of the agenda, we take the approach 'do you really need that much material?' to save on valuable resources. We'll always ask 'can we do a quick analysis to optimise it?'. The outcome is you **save resources, reduce costs** and eliminate unnecessary transport. We include these approaches to **solve the problem practically**.



Over 95% of what we design has been manufactured – most of them one-off designs without physical prototypes.

WHERE THERE'S AN ENGINEERING CHALLENGE THERE'S ALWAYS A SOLUTION

How have you handled your design challenges that are outside of your expertise?

How does your team operating at full capacity affect how you can take on additional engineering challenges?

How would a fresh pair of eyes, an unbiased opinion or an independent overview of your product, design or processes propel your business forward?



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QUESTIONS THAT HIGHLIGHT THEMES



There is a **challenge** and solutions are needed however there's a lack of inhouse **resource** to fix the issue; often this is a combination of no expertise and low capacity which is preventing resolution or finding the best fix solution.



Experience and knowledge of the best, fastest, **most cost effective**, realistic and **efficient** way to solve a challenge needs to be bolstered with **good solid advice** which you simply don't have in your current team.



The business is not at the stage of taking on the overheads of a full design department nor committing to a full-time **outsourced partner** but they do need design expertise. Sometimes a business owner doesn't want to take on the management of a **design team** but requires **engineering expertise** as and when the need arises. It could be you are looking to **reduce your overheads** yet **increase profitability** from your design inputs.



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YOUR DESIGN QUESTIONS



Those operating within an organisation understand everything they are working on fully however when a problem arises or a client requests something new, they don't have the **expertise** or bandwidth to produce the **design solution**.



Or reevaluate your **business design needs**; it could be that eliminating or reducing your design team is essential to gain control of **costs**.

Our 4-Step Engineering Design Process



1. Define



2. Design



3. Deliver



4. Refine



**"Very professional service with regular design reviews that ensured design was right first time."
Phil Smith from LivaNova**

IT'S ALL IN THE PERSONAL APPROACH

Getting to know **people** is always at the **top of our agenda**; we will spend time face to face or virtually (or a mix of both) getting to know each client.

The management team, your production team, the sales and marketing team and any other stakeholder who can give an **insight into the culture** of your business.

Understanding what each team or department wishes to get out of the project will aid us to understand the full challenge you are facing. It's more than this though; we ensure we're fully integrated with your team and business so that **we learn the problems and understand the challenges WITH them.**

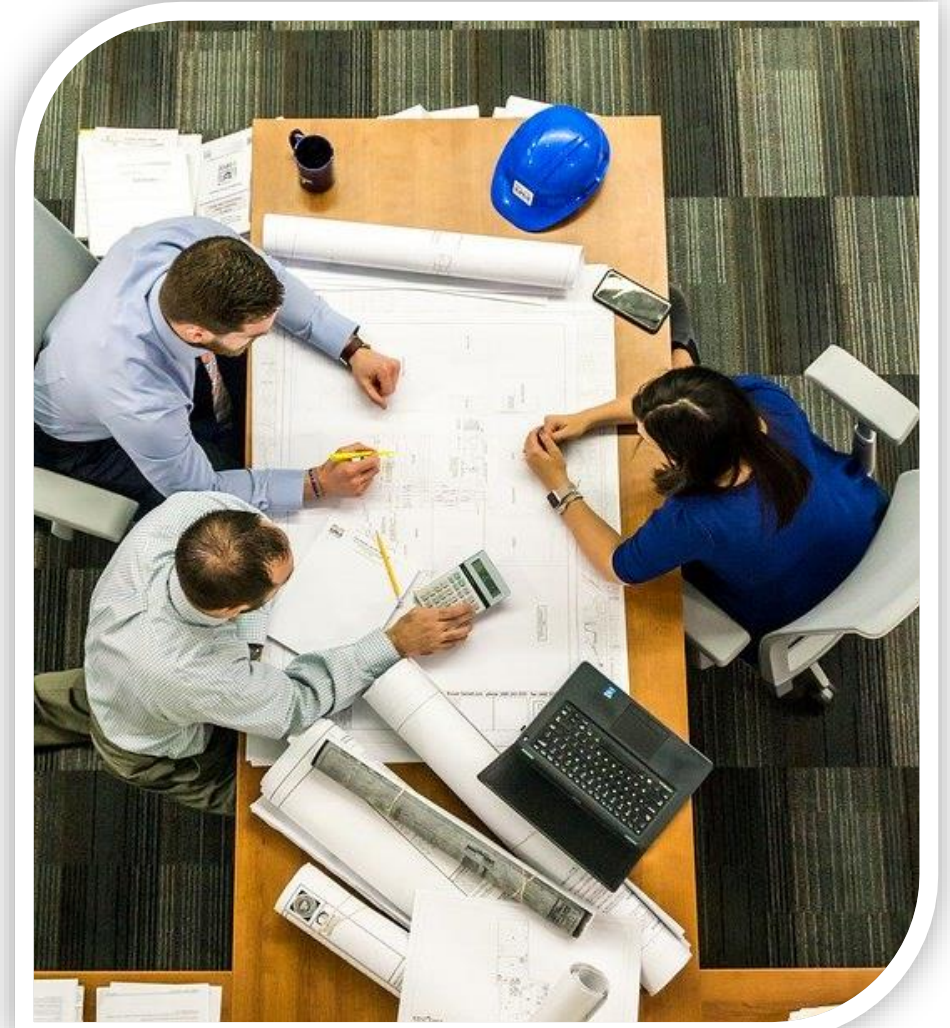


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BUSINESS ORIENTED SOLUTIONS

Spending time with your business enables a **reality check** to be performed; is Bennett Engineering the right resource for you to work with or maybe we need to recommend someone from our circle to fulfil your requirements. If we can't solve your challenge we are committed to highlighting this, so you have the **best partner** for the current situation.

That reality check will also include whether we are **solving the RIGHT problem** for you. We can only get to understand this from the **time** we spend with your **business** and your **people**.



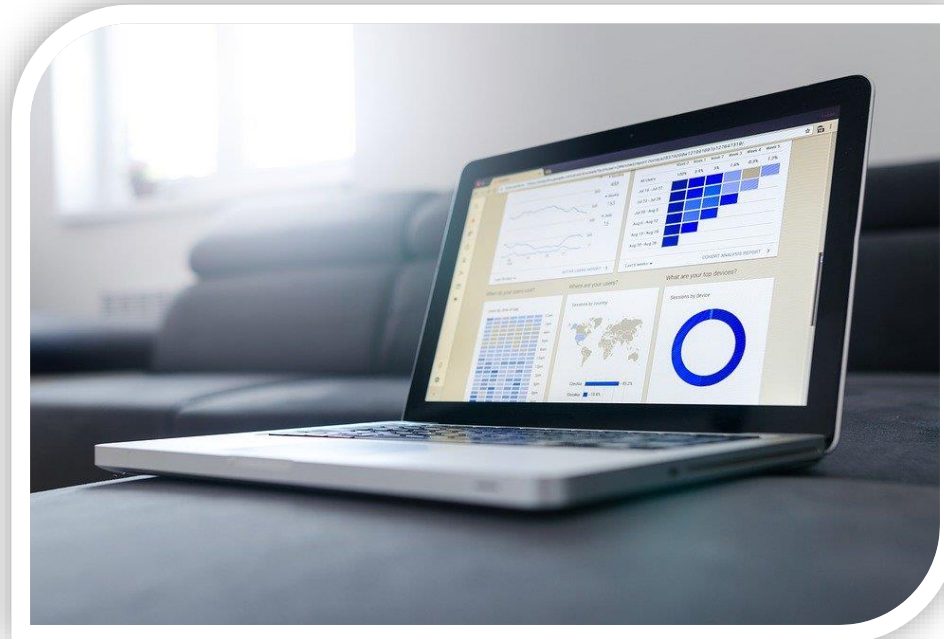


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BUSINESS ORIENTED SOLUTIONS

When everyone is happy, and the **green light** is on and we've fully understood what you want to achieve then **planning** will commence.

Of course, there will be **project plans** and **implementation plans** completed in detail. Dates will be arranged for review meetings, be they **virtual** or onsite, and all the usual things you'd expect from an **engineering partner**.





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OPERATING VIRTUALLY



The major benefit for you is we've been operating our engineering design service within the digital landscape for a long time.



We understand the important of setting up excellent communication tools to have quick meetings or agree next steps in reviews then document everything so we're all on the same page and there's no confusion about where in the project plan we are.



We can manage all the files, keeping the organised, tracked and updated for easy transfer.

Bennett Engineering provided a quick and efficient service which allowed Deritend to turn the work around with minimal disruption. I can recommend them to anyone needing a practical and professional service."

Mike Smith (Regional Manager), The Deritend Group Ltd

SIMPLICITY OF ENGINEERING

Taking a complex product and finding a simple, yet highly effective solution is part of our DNA.

When a medical company approached us with a device which collects the blood during major heart surgery which wasn't performing for them we found a clamp solution. These clamps held the lid in place firmly and securely whilst in use (essential!) but most importantly they were easy to use and very simple to dismantle and clean. The design completed had the end user in mind; who were delighted with the solution presented.





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