

APPLAX

AUTOMATION | ADVANCED MANUFACTURING | TECHNOLOGY

CAPABILITY STATEMENT

www.applax.com.au

COMPANY OVERVIEW

From our bases in Chinchilla and Brisbane QLD, Applax delivers Automation, Advanced Manufacturing and Technology solutions to clients throughout Australia.



If you want to harness the power of cutting edge technology to make maximise earning potential, take on new challenges, and streamline your workflow, Applax is here for you.

Our mission is to deliver technologies which make your business safer, more productive, traceable and precise to allow you to grow and adapt within a complex and rapidly changing world.



We pride ourselves in providing a service that safely, efficiently, and reliably delivers the technologies you need.



COMPANY DETAILS

Suite 20, 81 Heeney Street, Chinchilla QLD 4413

(Brisbane team available by appointment)



0487 101 394

Solutions@applax.com.au

www.applax.com.au

Low Force Stereolithography (SLA)

SLA printing offers high accuracy with some of the best cosmetic finishes available.

We have an extensive library of materials, including those approved by the TGA for medical and dental purposes. SLA is suited to high detail prototyping, jewellery casting, surgical guides, architecture and other detailed applications.

Fused Deposition Modelling (FDM)

FDM printing is a cost effective solution for prototyping and small scale production parts / products.

We possess a range of FDM printers capable of fast turnaround times for on demand products that can be printed in a range of materials such as PETG, ABS, Nylon, PLA, ASA with various different reinforcement options such as Carbon fibre, fibreglass and Kevlar.

Materials

We have a variety of materials specific to each client's needs including plastics, carbon fibre and kevlar reinforced/high performance materials such as PEEK and PEK.

We can make composite parts that are stronger than that of 6061 aluminium with high temperature and abrasion resistance, low weight and complex geometries. For specialist contracts we can also print stainless and tool steel as well as copper.

The Parts You Need. Precise. Fast. Better.

We specialise in Advanced Manufacturing. No matter how complex, lightweight, or on demand the part you need is, we can make it.

At Applax, we use our advanced technologies and methods to make better parts, fit for purpose. Manufacturing with speed and efficiency, we'll help your business keep up with the changing market allowing you to be more competitive.

With printing accuracies up to 25 micron and a variety of materials, we offer a number of parts, jigs, fittings, moulds, models, prototypes and other customised requests. Our quick turnarounds and ability to generate the majority of products on demand means that we can test, iterate, and improve solutions faster and more cost effectively.

- Quick Turnarounds
- Custom Designs
- Cost Effective
- Variety of Material Options
- Professional CAD & CAM Support



Let The Computer Test it First.

With Generative Design, Simulation, and Renders you can adapt, test, and market your design without the large upfront / redevelopment costs of full production.

Our advanced systems can trial and test even the slightest adjustment of your parts and infrastructure with the highest level of accuracy.

Our expertise ranges from aerospace and oil and gas projects to small scale electronics simulation and testing. Using our technologies and experience we allow your business to significantly lower required investment and time spent testing and developing your product.

- Solve Complex Problems With Computational Assistance
- Quicker product development times
- Cost savings
- Materials and Structure Specific to Requirements
- Tailored productivity improvement



Generative Design

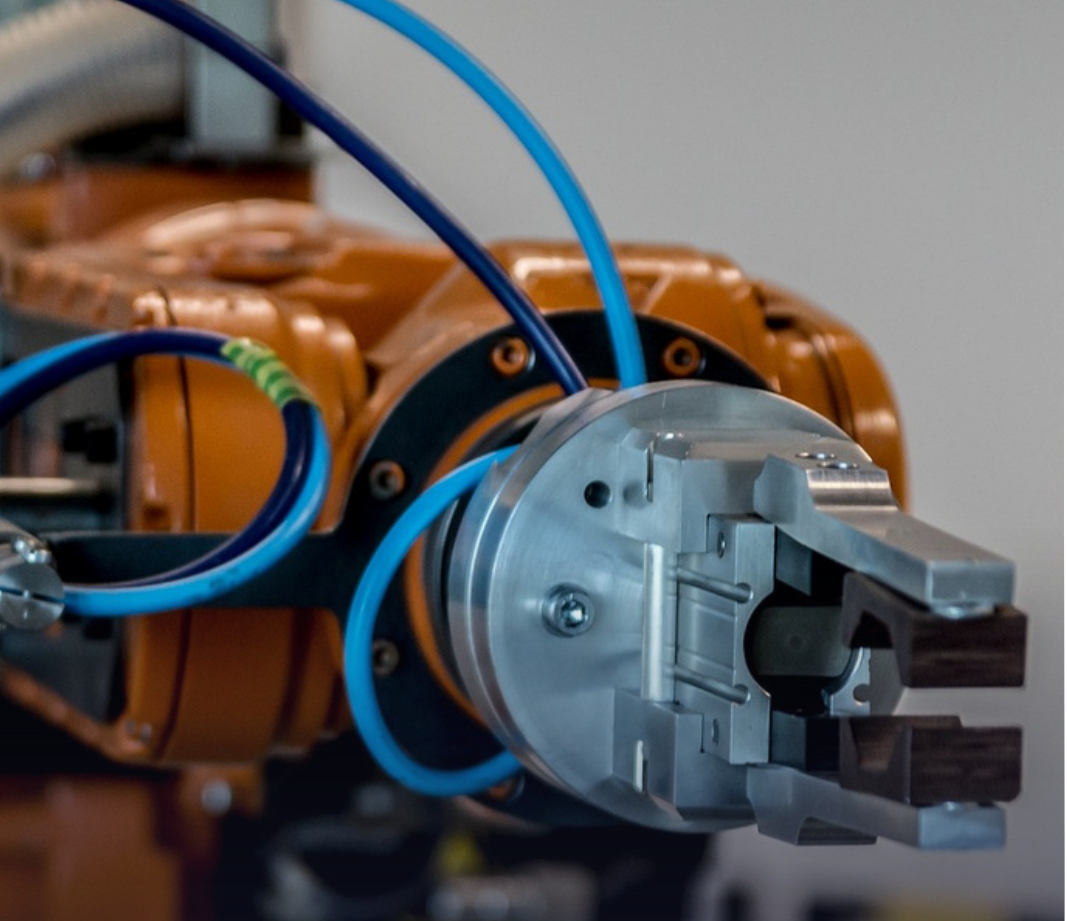
Our software can look at complex shapes and utilise computational solving to generate optimal structures tailored to your specific requirements. If you want to make something lighter but still strong, or if you want a design that fits better with your project, we can help.

Simulation

Through digital simulation we can both reduce cost and gain crucial real time feedback to allow the optimisation of a variety of fluids and static structures. Our simulation capabilities further allow us to develop life like simulations to allow you to go to market sooner.

CAD/CAM

CAD/CAM allows us to generate a variety of designs on demand and proceed to either simulate them or print prototypes/end products quickly when paired with our additive manufacturing capabilities.



Increase Productivity, Safety, Accuracy and Precision

We've developed a variety of systems to automate and improve business performance. Whether you're looking for vehicle guidance systems, machinery, network management, robotics, specialised sensing technology or other custom projects, we can deliver.

Your Business made more efficient through tailored automation solutions.

We'll help you automate your business to streamline your quality control, manufacturing, and other laborious processes.

Automation can make advanced changes in different parts of your business. From a robotic arms, AI identification system or autonomous logistics vehicles to custom software, we'll make your logistics pipeline faster and more traceable, your manufacturing more precise and productive, and make managing your equipment and processes easier.

Our goal is to improve your business productivity by saving time and cost on repeatable and complex tasks, helping you compete in a technologically advanced environment.

We're not replacing your workers, we're giving them the chance to do more meaningful, and more stimulating work through automation.

Safeguarding the environment is at the core of everything we do. Talk to us today about how we can help you meet your sustainability targets.





We have the experts you need with backgrounds in Oil and Gas, Executive Management, Aerospace, Training and Assessment, Manufacturing and Engineering.

CAPABILITY STATEMENT

Your expert in Business Development, Assurance and Compliance

Our specialist consulting division has over 50 years experience in delivering:

- Industry training and competency assurance.
- Business advisory and consultancy services.
- Auditing and compliance preparation and management.
- Tender preparation and management services.
- Project development and scope management.

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CONTACT US

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