

Proen is an award winning product design consultancy based in Adelaide, South Australia and servicing clients throughout Australia and the world. We offer a comprehensive range of product development services that assist you to turn your product concepts or ideas into commercial reality. Our design team includes industrial designers, engineers and manufacturing specialists working with industry-leading tools in a creative, collaborative environment. Every year we innovate great products that result in design registrations, patents and awards for our diverse clients.

PROFIT FROM DESIGN

WELCOMEinfo

The creation and commercialisation of a new product is a complex process requiring diversity and depth of skills.

At Proen we thrive on new challenges. We employ a talented team of innovators, designers and engineers with a proven track record of successful product development who are equipped to service your product development needs.

Whether your project is small or large, we will tailor our services to suit your needs.

Our website offers a very informative and comprehensive range of case studies, as well as useful information for inventors.

We invite you to read this document, as well as visit our website and we look forward to being of service to you,

The Proen Design Team

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FACEMASKresmed

ResMed is a leading developer, manufacturer and marketer of products for the screening, treatment and long-term management of sleep-disordered breathing (SDB) and other respiratory disorders. Proen was contracted by Resmed to work collaboratively with their development team in the development of aspects of the Mirage Quattro full face mask.



NITROGENairtech

Airtec Corporation (Asia) is a world leader in tyre inflation equipment. Using over-moulding technology Proen designed the housing focusing on a 'robust' feel and appearance. Integrating over-mould features into that single, transparent "chassis" part minimises the usage of that process to save money, time and complexity.



PROTECT-ITeyecatcher

Protect-it™ column protection devices are a new innovation offering exceptional performance in racking protection.

Protect-it was designed by Proen for our sister company Eye-Catcher Innovations and is now sold in over 20 countries worldwide.



COOKINGelectrolux

Proen Design's product development services were used to fast track their product development program. Proen staff were positioned on the Electrolux site and integrated seamlessly with their development team to undertake detail design of a new range of cooking products.

ABOUTproen

Proen Design Australia is a multi-disciplinary design and engineering consultancy offering a complete range of product development services. Every year we create unique products that result in design registrations, patents and design awards for our clients.

scope

Proen offers a complete service to develop your products or ideas from concept to manufacture and beyond. Our clients range from private inventors to multi-national businesses throughout Australia and the world. We provide services to a broad range of industries including Aerospace & Defence, Agriculture & Viticulture, Automotive & OEM, Building & Construction, Consumer Products, Electrical & Electronic, Furniture & Lighting, Medical & Pharmaceutical, Mining & Processing, Telecommunications, Transport and Whitegoods.

skill sets

Our team includes industrial designers, engineers, manufacturing specialists and managers working in an imaginative, collaborative design environment. Members of our team have contributed their product design and engineering skills to Australian and International award winning products for many decades.

technology

We utilise industry-leading technology to provide high quality, efficient service to our clients. Key elements of our technology pool include;

- ProENGINEER and SOLIDWORKS software for advanced 3D CAD modelling.
- ProMechanica, COSMOSWorks & OpenFOAM are used for computing engineering analysis
- 3D Studio MAX & plugin VRAY for photo-realistic renderings and animations.
- Access to a wide range of technologies such as Stereo lithography (SLA) and selective laser sintering (SLS) for rapid prototyping.
- Roland MDX-540 CNC Milling machine for fast prototypes in various materials.

history

Proen Design Australia Pty Ltd began life as a product development consultancy in May 1997 as a result of the merger of PHD Product Development Pty Ltd - an industrial design consultancy started in 1989, and Compelling Solutions Pty Ltd - a computer aided engineering consultancy started in 1996.

ownership

Proen is a private company with 3 major shareholders. We are proud to be a 100% Australian owned.

IDEAS BECOME
REALITY

CREATIVITY MEETS EXPERIENCE

SERVICES provided

Our services are divided into the four major groups listed below. Each group reflects a logical phase in the product development process. We undertake large projects that involve all groups and smaller projects that involve a single group or service.



■ Innovation Management

- Feasibility Assessment
- Idea/product Evaluation
- Intellectual Property Evaluation

Proen staff have many years of experience which provides us with the necessary depth of experience to assist you to position your business for future growth. We utilize a proprietary 3 stage Idea Evaluation Program to assist inventors through the early stages of the commercialisation process. More information is available on our website.

■ Research

- Design Trends
- User Requirements
- Materials & Applications
- Technology & Applications
- Manufacturing Processes

We're equipped to undertake a wide range of general and technical research tasks, and links to educational institutions further enhance our in-house capabilities.

■ Product Development

- Industrial Design
- Concept & Idea Generation
- Styling
- Ergonomics
- Product Graphics
- Detail Design Resolution
- CAD Modeling
- Mechanical Engineering
- Computer Simulation (CAE)
- 3D Visualisation & Animation
- Prototyping
- Performance and testing
- Documentation
- Technical literature

Proen's design team consists of industrial designers, engineers and manufacturing specialists working together in a creative, collaborative environment. This fusion generates products that look great, work well and can be economically manufactured.

Our team has undertaken turn-key product development programs throughout Australia and the world, and every year we produce innovations that result in design registrations, patents and awards.

■ Manufacturing Preparation

- Process Development
- Tooling/Equipment Design
- Tooling /Equipment Supply
- Component Procurement
- Supplier Liaison
- Quality Planning
- Project Management
- Commissioning

The task of taking a product from the design office to pilot run then full production can be intimidating. We use our experience to help clients avoid the pitfalls, minimise risks and maximise output. Our independence from toolmakers and equipment vendors gives us the ability to secure great pricing and to bring high quality tooling and equipment projects in on time and within budget.

BENEFITSclients

There are many reasons to use Proen for your next design project. Our long track record and numerous awards speak for themselves, and here are a few more reasons...

INSPIRATION FINDS
FOCUS

qualified staff

We employ degree qualified designers and engineers to ensure that our high levels of creative and technical skill are backed up by strong theoretical knowledge.

track record

Proen has a long and successful track record including international and regional project experience. Proen designed products have been successfully marketed in Australia, Middle East, Asia - Pacific, Europe and USA.

multi-skilled

Many design consultancies offer limited skill sets and view the world from a narrow perspective. At Proen we've created a team with a broad range of skills and backgrounds to ensure our clients get balanced, effective designs.

highly awarded

The best mark of a great product is market success, however design awards give us an opportunity to benchmark our skills against our peers in the design industry. Proen staff have contributed design skills many Australian and International Award winning products. We have also received recognition with a range of business awards in state and national competitions.

AWARDSrecent

The most important measure of our performance is the level of success achieved by our clients. Design and business awards provide a secondary measure by allowing us to compete against our peers before panels of expert judges. Proen has won many awards that recognise excellence in design and business management...



international design awards

Good Design Award: Protect-it Column Guard
Chicago Athenaeum Museum



australian design awards

"for products that are unsurpassed in design excellence and innovation..."
Protect-It Column Guards



australian design marks

"for commendable product design and innovation..."
Dexion Mekdrive
Clipsal Tyre Inflator
Sentek Enviroscan RJ6
Sentek Diviner 2000



comfia designex

COMFIA Excellence in Design & Manufacture of Storage Furniture Award for
Dexion Freetrack Mekdrive



design exhibitions

Worlds Best Design Exchange Seoul Korea
Powerhouse Museum Selection for Protect-It Column Guards.



south australian design awards

Design Citations
Dexion Mekdrive
Puratap Water Filter
Sabco Clixx Mop



ptc awards

PTC International Excellence in Design Award for Hypercom Transaction Terminal



telstra small business awards

National Winner Small Business Owner Award



deloitte fast 50

Tech Fast 50 (SA)
Tech Fast 50 (SA)

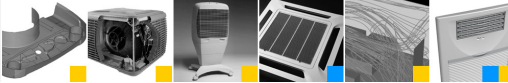


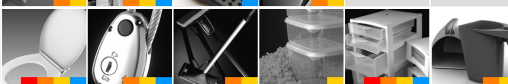














cibm business awards

Finalist - South Australian Government CIBM Business Awards

GALLERYshowcase

Visit our website for project details.

Airconditioning					
Automotive					
Communications					
Consumer					
Defence					
Electrical & Electronic					
Environmental					
Furniture					
Hospitality					
Industrial					
Medical					
Packaging					
Processing					
Sports					
Transport					
Water					

GALLERYshowcase

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▽ Internal project

Projects are colour-coded to indicate the service groups involved.