



PROCEPT

We build connected hardware products that help businesses grow.

WELCOME TO PROCEPT

We are a group of engineers and product people creating revolutionary hardware products.

We build things that connect our world in meaningful ways and result in business success for our clients.

We work in Melbourne & Barcelona





BUSINESS + PRODUCT

We work at the intersection of business and product development. Using a combination of product management and engineering skills we explore where business and technology feasibility meet.

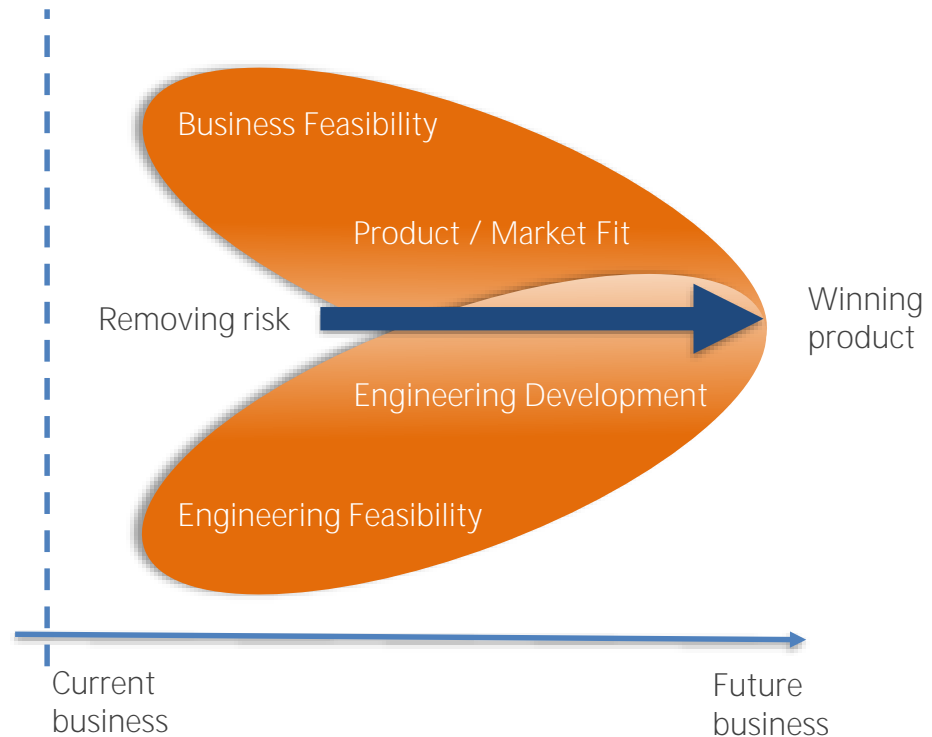
By exploring the customers and market you are entering we define opportunities which are valuable.

Using our engineering experience in connected technology we make these opportunities real through research, rapid prototyping, product development and world-class manufacturing support.

“Revenue ready products”

Exploring ideas through Product / Market fit creates a product vision that is useful and valuable for the people who will use it.

Engineering excellence takes those ideas and delivers them successfully to market.

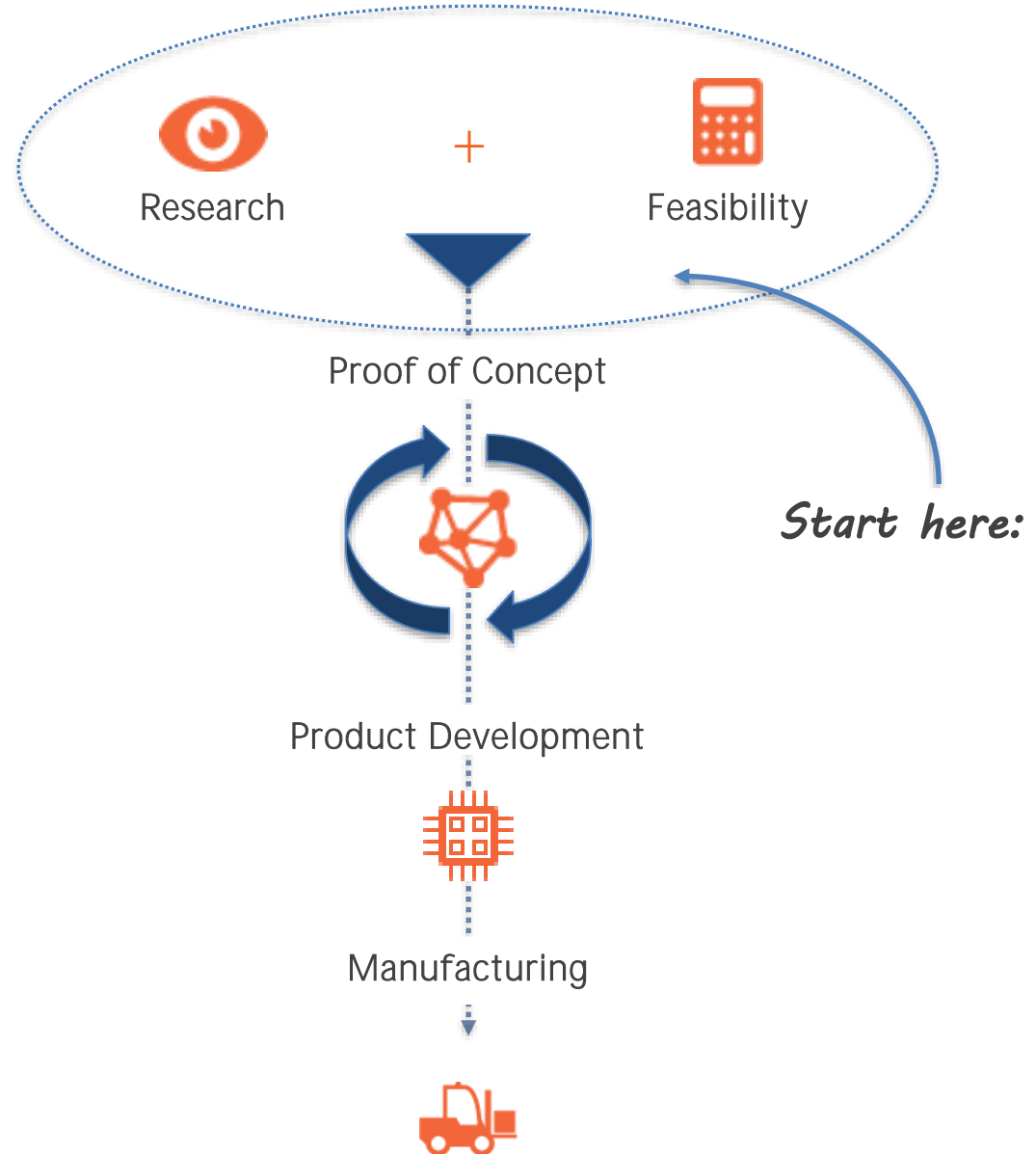


Our approach focuses on the business goal first. We then work in an iterative fashion towards it where we test and learn as we go. This involves research and technology work, including rapid prototyping for Proof of Concepts. Building the right product is key, and this process ensures that happens.








We have over 10 years experience in the hardware and software that drives IoT and Wearable products. By staying up to date on the latest technologies and *protocols we're able to bring* fresh thinking to revolutionary product ideas.

Delivery is our strength. Our experience ensures your product gets to market successfully.

LEARN + ITERATE + DELIVER



EXPERTS IN THE BUILDING BLOCKS OF IoT & WEARABLE PRODUCTS

Product & Marketing	Design	Wireless technology & Protocols	Sensors & Algorithms	Hardware Engineering	Software Engineering	Manufacturing Support
						
Customer and market research	CAD for Electronics Design	Signal processing	IMU's (Accelerometers, Gyro's & Magnetometers)	Electronics Design & PCB layout	Embedded software	Production test systems & plans
Product research	Industrial Design	Zigbee, Bluetooth, WLAN	Environmental sensors. Gas, liquid, acoustics	Battery technology, design for low power	App Development	Production test software
Size of market assessment	Design for Manufacture	Bluetooth chipsets and stacks	Calibration systems	RF & Custom Antenna Design, RF transceivers	Web infrastructure	Assembly plans
Product / Market Fit assessment	Design for Test	WiFi, Mobile technologies, GSM	GPS and positioning technology	Microcontrollers, Memory & MEM's sensors	Cloud deployment	Quality control management
Go to market strategy	User interface Design	Proprietary RF (900 MHz)	Strain measurement	Design for rugged industry, design for medical (non-invasive)	Keil, embedded development tools	Manufacturing validation to ISO 9001 and ISO 13485 standards
Funding advice		- 6LowPAN, Narrow band IoT, SIGFOX		Rapid Prototyping		Local low volume & Asia based high volume manufacture

Our approach is to be technology agnostic. We use the best tools for the job, and keep ourselves up to date so we can deliver a solution that best meets your needs.

Capabilities

FEASIBILITY

- Product research
- Market research
- Customer interviews
- Proposition Development
- Business Models
- Technology investigation
- Rapid Prototyping
- Bill of Materials Est.
- Production cost Est.

Sample Offering:

eHat Proof of Concept

For businesses that need to answer important business & technical questions before committing funds to product development.

- Streaming technology investigation & Proof of Concept system
- Working Prototype unit for demonstration to customers
- Detailed Product Development Estimates
- Industrial Design Estimates
- Certification plans for Commercial product

Capabilities PRODUCT DEVELOPMENT

- Architecture Design
- Hardware Engineering
- Embedded Software
- App Development
- Web infrastructure
- Design for Test
- Design for Manufacture
- Engineering for Mass Manufacture
- Product Certification

WiTouch – Back pain relief, anywhere, anytime.



Sample Offering:

WiTouch Product Development

For businesses that are ready to commercialise their idea and take it to market. We de-risk the investment by using our extensive experience in designing and developing certified products that are ready for mass manufacture.

- Develop traceable requirements
- Full system architecture design
- Rigorous engineering prototyping
- Validation vs Requirements
- ISO 13485 Certification
- FDA & TGA Certified

Capabilities

MANUFACTURING SUPPORT

- Production Engineering
- Test coverage software
- Test jigs
- Assembly plans
- Contract Manufacturer Auditing
- Quality control
- Negotiation & Lead time management
- Production run support

Sample Offering:

Sentry Manufacturing Support

For businesses who have completed product development and are ready to manufacture at high volume. We provide a safe pair of hands to get your product to market with minimal stress.

- Negotiations with Contract Manufacturer
- Detailed test and assembly plans
- Test system development
- On-site training for manufacturing staff
- Quality management throughout
- Overseeing production runs



GIVE US A CALL & START YOUR NEXT PROJECT TODAY



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