

We solve complex design & development challenges

Our expertise lies in tackling intricate design and development problems, transforming ideas into practical, innovative solutions. We thrive on delivering products that exceed expectations, even in the most demanding scenarios.

Our value

- Creating measurable value with product development
- Solving complex design & development challenges
- Efficiently getting projects across the finish line
- Seamless integration into client teams
- Proven proficiency within regulated industries



IMERJ Innovating the next generation in mobile phone technology

Pegmatix designed and developed the world's first true multi-tasking mobile phone based on the Android platform with IMERJ.

[Learn more](#) →



Katerra The first BLE 5 Mesh verified product on the market

Pegmatix helped Katerra develop a connected manufacturing ecosystem by designing modular building components and wireless lighting systems, achieving cost efficiency and delivering the first BLE 5 Mesh verified product on the market.

[Learn more](#) →



Sun To Water Technologies 17 new patents developed

Our team proved out key thermodynamic and architectural characteristics to design and scale the core concept of a new atmospheric water generator, which enabled the company to raise funding and build confidence in product viability.

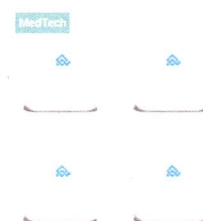
[Learn more](#) →



BinSentry 2019 Forbes Innovation Icon Award winner

Pegmatix enhanced BinSentry's Ag-Tech platform with a custom IP66 enclosure and improved hardware, leading to a successful launch and the 2019 Forbes Innovation Icon Award.

[Learn more](#) →



Blue-sky thinking Better, stronger, smaller

After being stalled in the prototype development phase for 36 months, our team got a functioning system capable of entering clinical trials across the finish line.

[Learn more](#) →



Blue-sky thinking meets cloud-based technologies

Pegmatix developed a web application and iOS and Android applications to assist in monitoring access barriers such as garage doors and swing gates.

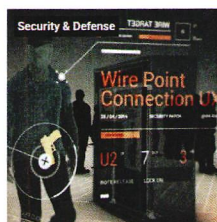
[Learn more](#) →



Teralytic Developing success where others could not

Pegmatix worked with the team at Teralytic to produce a product that delivers detailed soil quality data via a single probe.

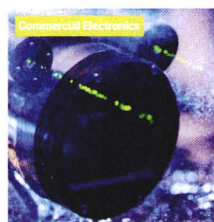
[Learn more](#) →



Liberty Defense From concept to proof to market

Pegmatix helped Liberty Defense achieve FCC certification, develop advanced hardware and software, and supported their \$60 million IPO for radar-based threat detection solutions.

[Learn more](#) →



Sub-C Imaging Going deep to succeed where others could not

Pegmatix worked with Sub-C Imaging to successfully integrate a new camera into a specialized underwater imaging equipment system.

[Learn more](#) →



Patriot One Technologies Over \$100 million USD generated in shareholder value

Pegmatix supported Patriot One Technologies in developing a hardware strategy, achieving FCC certification, and securing patents, contributing to over \$100 million in shareholder value for their AI-driven threat detection systems.

[Learn more](#) →

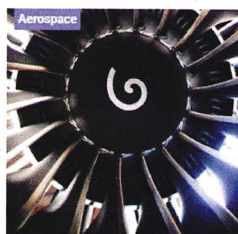


Geotab

Supplying solutions to meet customer demand

Pegmatis worked with Geotab to develop high-reliability test fixtures that were manufacturer agnostic, allowing them to stay nimble while scaling up production.

[Learn more](#) →



Taking client collaboration to inspirational new heights

We've complimented, supported and bolstered internal teams to address design issues, including detailed plans to cost-effectively redesign entire product categories while detailing the impact of the redesign to firmware, product functionality and more.

[Learn more](#) →

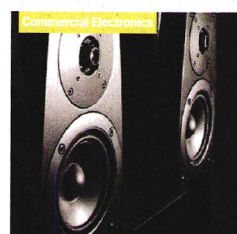


Athletix

Turning lost and discouraged into a viable finished product

Pegmatis worked with Athletix to develop a unique medtech device, ATOM EFV, enabling neurological reprogramming to bring new oxygen to a targeted region.

[Learn more](#) →



Two industry leaders functioning as one

Pegmatis supported a high-end audio OEM in developing next-generation hi-fi products, ensuring market leadership with advanced hardware, firmware, and software solutions.

[Learn more](#) →

What Others Are Saying

"Our manufacturing partners needed us to provide a reliable manufacturing test solution to follow and support the demand. We had limited bandwidth to support this effort due to new product development activities so we engaged Pegmatis to provide a turnkey solution. We were very pleased and impressed with the professional results and support. Pegmatis is a company you can rely on to help you scale to meet your demands."

Marc Christelis, Production Quality Manager, Geotab

"Teralytic employed Pegmatis to help refine and commercialize our current product aimed to provide farmers around the world with a reliable connected device to measure soil health. Their experience is unparalleled in the industry and is helping in every facet of our development program. We are delighted to have such an experienced partner that can address all aspects and challenges related to design and manufacturing."

Steven Ridder, Founder and CEO, Teralytic

"We worked with Pegmatis to prototype a concept that we could use as a reusable packaging showcase in our sustainability efforts.

Pegmatis quickly understood the requirements and generated several designs of which we selected one to prototype. We are pleased with the quick support and innovative approach that Pegmatis provided."

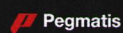
Motaz Sabri, Vice President, Bunzl

CONSULT WITH US

Harness our expertise to drive your success.

Let us help bring your idea, market opportunity or innovation to life. It all starts with a no-obligation product design and development consultation.

[Learn more](#) →



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