



Mining



Waste Management



Emergency Services



Transportation



Industrial Automation



Construction



Defence



Marine

A WESTERN AUSTRALIAN SME, ADVANCED MANUFACTURER OF RUGGED TECHNOLOGY

## CAPABILITIES

### Research and Development

- Solving harsh environment technology problems with sophisticated solutions, developed by our in-house expertise.

### Design and Customisation

- Experts in the ground-up design and build of bespoke rugged computing technology.

### Quality and Reliable

- Reliable and proven to meet extreme environmental challenges and conditions.

### Advanced Manufacturing

- Responsive WA based manufacturing team with a wide spectrum of skills and tools.

### Service and Support

- Customer focused service throughout the lifetime of the partnership.

## DISCRIMINATORS

### Australian Sovereignty

- Western Australian based, privately owned and operated business.

### Forward Compatibility

- All Motium devices are designed to seamlessly integrate and operate as one platform.

### Bespoke Product

- Client involvement in the design process leads to bespoke rugged technology solution.

### Verifiable Quality

- Trusted quality is demanded by our customers who demand uptime reliability.

### Full Supply Chain Custody

- Supply chain traceability and source control with the agility to rapidly and ruggedly deploy second source components.

## CAPACITY

### Business Agility

- Strong, proven management team leading 66 personnel with 250 years of engineering experience.

### Technical Engineering

- Motium produces reliable, bespoke, innovative engineered Panel PCs, Tablet Computers, LCD Monitors, IIoT and Cables, in a variety of sizes to suit any situation.

### Experience and Stability

- 20 years of business stability driven by listening to customers. We continue to adapt and evolve with market opportunities by investing in systems and processes.

### Global Reach

- Globally dispatching over 15,000 products annually, consisting of millions of individual components.

## TRUSTED PARTNER

### Industry Benchmark

Global customer base advise we are the benchmark in our industry.



**PRECISION TECHNIC DEFENCE**

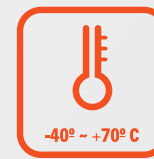
### Precision Technic Defence

**“We are passionate about providing the best possible tactical solutions to our men and women on the front line. Motium’s ruggedised Panel PCs are essential to the reconnaissance applications of our light mobility platform.”**

### Wenco International Mining Systems

**“For over 10 years Motium has consistently partnered with Wenco to solve our challenges and deploy quality, reliable rugged technology.”**





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## PRODUCT CAPABILITIES

- Software Agnostic
- Secure Firmware
- Structured SLAs
- OEM and Customisation
- Authorised Remote Service Locations
- Technical Engineering:
  - Mil Spec
  - Mechanical Shock
  - Extreme Temperatures
  - Electronic Interference
  - Electrical Stability
  - Visual Readability



## CASE STUDY - PRECISION TECHNIC DEFENCE (PTD) - 15.6" PANEL PC

### Problem:

PTD Managing Director Greg Whitehouse required a rugged Panel PC in their lightweight tactical vehicle to integrate with a camera system in the vehicle and let military personnel view live infrared video imagery of the terrain. PTD is passionate about providing the best possible quality tactical solutions for the men and women on the front line. Motium was a perfect fit for their requirements.

### Project:

In partnership with PTD, Motium worked to provide a TUFF Panel PC to be placed next to the driver in a light recon vehicle. It was required to be replete in tan and camouflage colouring to blend in with the surrounding area and endure the harsh environmental factors present during a military conflict.

### Solution:

Motium installed a 15.6" TUFF Panel PC in the tactical reconnaissance buggy, outfitted in a custom camouflage enclosure and complete with specialised software that integrates seamlessly with the vehicle's camera system.



## CASE STUDY - MINETEC - NETWORKING AND POSITIONING SYSTEM

### Problem:

The customer needed a hardened networking device, to be installed in the harsh environment in underground mines to reticulate power, high speed wired networking, reliable wireless networking and a proprietary precision location module. The hardware also needed to be compliant for deployment around the world.

### Project:

We scoped out an Access Point system, designed to be deployed every 100m, for thousands of kilometres of extreme temperatures, humidity, water, dust and electromagnetic interference. The hardware offers 99% continuous gigabit network throughput, as well as a meshing wireless network infrastructure.

### Solution:

Motium designed an Access Point, based on an embedded industrial processor with future proof upgradeability, cost effective manufacturing and a full set of global compliance certifications.

