MOTIUM

Mining | **Waste Management** | **Emergency Services** | **Transportation** | **Industrial Automation** | **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 65 personnel with 250 years of engineering experience.

Technical Engineering
- Motium produces reliable, bespoke, innovative engineered Panel PCs, Tablet Computers, LCD Monitors 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.
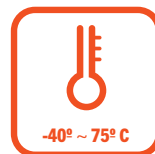
Micromine

"Motium has always gone above and beyond to support our rugged technology requirements."

micromine

Wenco International Mining Systems

"For over 10 Years Motium has consistently partnered with Wenco to solve our challenges and deploy quality, reliable rugged technology"

W Wenco®
Getting More Out of Your Mine

MOTIUM

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PRODUCT CAPABILITIES

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

CASE STUDY - IVOLVE (GLADSTONE PORT AUTHORITY) - 15.6"

Problem:

Hardware from an Australian manufacturer was extraordinarily unreliable, often failing within a week of installation and operation in the vehicle. The customer persevered with the supplier for over a year, but after having 100% of their fleet returned at least once, and only 40% of the hardware able to be used they approached Motium.

Project:

The hardware is part of a proof of concept software system to replace the analogue gauge cluster, with a revolutionary high definition control display in a range of global mining equipment OEM.

Solution:

We scoped out a drop-in replacement, delivering 100% uptime, based on a proven rugged and reliable platform.

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.