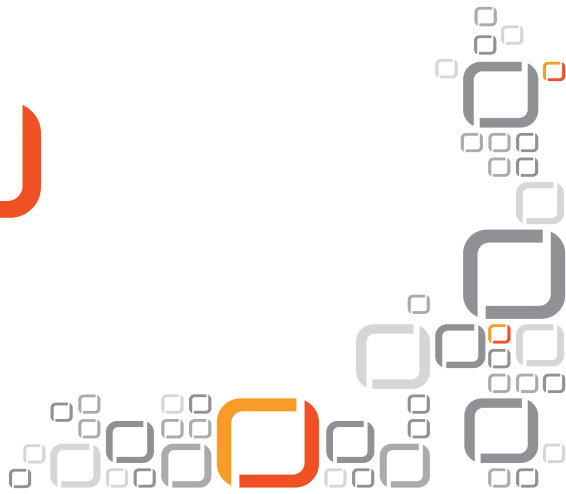


MOTIUM

YOUR RUGGED TECHNOLOGY PARTNER

MADE
TUFFER
DOWN
UNDER





Motium is a proud Australian designer and advanced manufacturer delivering rugged computing solutions for long life and durability.

A PRODUCT THAT CAN OUTLAST THE PROJECT

Are your decisions driven by total cost of ownership?

Are you delivering a solution for life of mine or simply focusing on delivering for the project? Motium products are created for long life through meticulous design that ensures rugged reliability for years of in-field use.

Additionally, the Motium TUFF and TUFF+ ranges are designed with backwards compatibility to anticipate future technological changes and allow for upgrades with minimal software development friction.

Motium has been partnering with a global software company since 2017 to help solve their rugged technology needs. In 2021, they were faced with a problem: they needed to integrate the Intel Movidius X Neural Compute Engine into existing units in the field.

Motium was initially chosen thanks to our ability to integrate complex rugged hardware offerings into our existing product platform. Given the built-in modular flexibility of our Motium platforms, we were able to retrofit this capability with ease, upgrading existing units as well as delivering new units all with minimal software development friction. The Motium AI-equipped TUFF unit forms part of a fleet of scaled hardware solutions we offer this customer, matching a hardware specification to each of their applications.



10.4-inch TUFF Panel PC
MPP-1020

OPEN ARCHITECTURE WITH MODULARITY

Does your hardware give you the flexibility you need?

The problem with buying off-the-shelf rugged technology is that often it either doesn't meet or far exceeds your requirements. Whichever way, it's an inefficient and wasteful use of financial resources. However, the real challenge is when you need to invest in additional technology to resolve the gaps in what your existing hardware can't achieve. With limited cab space, there's little room up front for additional hardware platforms.

Motium partnered with an Australian-based company to tackle such a problem, assisting them in displacing an underutilised safety system that was greatly limiting their software development. Motium's single-platform TUFF PC solution provided a multi-functional device that was able to be retrofitted to legacy deployments whilst still providing the customer the capacity for future additional feature sets and upgradability.

Motium hardware supports a streamlined solution to maximise the cab screen real estate with an underseat TUFF PC and TUFF View fixed-mount display. Our platforms simplify deployment without the need for additional hardware (i.e., separate communication modems, etc.).



TUFF PC
MPC-1020



10.4-inch TUFF View
MLC-1012

CASE STUDY

CASE STUDY

FUTURE PLATFORM FOR FLEET FLEXIBILITY

Is your hardware preventing you from growth?

More and more projects necessitate greater fleet agnostic flexibility from the hardware they use. This requires a platform with variable IO sources that have low-friction integration and deployment architecture options. Our TUFF ranges are designed for seamless installation onto any machine, no matter the type or brand.

A customer's automation project required several different product types that had a consistent look and feel to the hardware in order to optimise the user experience of the software and best fit their needs. They adopted the TUFF+ family as a solution for all vehicle and ancillary rugged computers. The in-vehicle telematics required significant back-haul support which was provided by an additional Motium product offering: the RSU ancillary (Road Side Unit).

CASE STUDY

RUGGED IS MADE MUCH TUFFER DOWN UNDER

What extremes can your rugged tech handle?

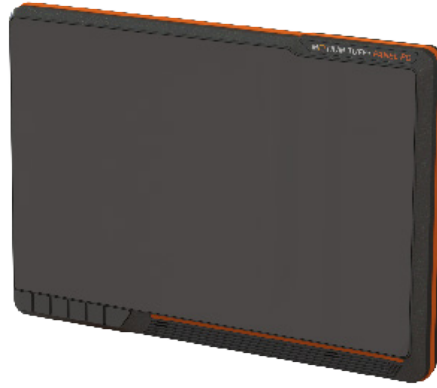
All too often, rugged is an afterthought when it comes to rugged technology. To be inherently rugged, hardware requires ground-up, intentional design choices that consider environmental extremes and impacts from temperature through to electrical transients.

Developing truly rugged hardware is hard and innovative because every little detail must be considered for in-field success. Such an innovative approach is what gives Motium hardware its edge; and the evidence of this is shown in-field.

A long-standing partner has deployed well over 500 Motium TUFF Panel PCs onto pile drivers, an environment in which they face extreme levels of vibration. The TUFF hardware is used to provide full control over guidance, positioning and hammering of piles on large-scale solar farms. Products are deployed far and wide, from Western Australia's +50°C (+122°F) outback to the icy cold -40°C (-40°F) temperatures faced in Mongolia and Alaska. An Indian-based partner continues to service units that have spent over a decade surviving everything that open-cab coal trucks in India can throw at them.

The trucks that Motium units sit in are often more prone to environmental extremes than our high-tech rugged computing products. This proven durability is thanks to the unique rugged design that Motium continues to master for its partners.

CASE STUDY



12.8-inch TUFF+ Panel PC
MPP-1227



TUFF+ PC RSU
MPC-1125



10.2-inch TUFF+ Panel PC
MPP-1027



10.4-inch TUFF Panel PC
MPP-1020

- Trusted Collaborator
- Customisable
- Upgradability
- Interoperability
- Capacitive Touch
- Aluminium Enclosures
- 40° ~ +75° C
- Vibration & Shock
- Transient Protection
- Sunlight Readable
- Sizes
- Up To IP67



A MOTIUM PARTNERSHIP DOESN'T STOP AT THE SALE

How much support do you get from your rugged tech partner?

Motium strives to be the best rugged technology partner for use in harsh environments. As a team we actively partner with our customers to create, engineer and deliver rugged, innovative, smart, reliable technology platforms for greater productivity. Achieving this goes beyond simply creating great products — we provide ongoing and responsive post-sale service and support for the lifetime of our partnership with you.



We appreciate that deploying technology solutions across the world is no trivial matter. With multiple connectivity and environmental challenges, you need a dedicated and responsible partner to help you maintain maximum uptime. Our account managers and service technicians are fully engaged in providing long-term, high-quality support. A flexible and responsive partner, we ensure you get the most out of your TUFF hardware, whether you need assistance in resolving unknown issues or a product repaired ASAP.

Recently, a long-term customer faced connectivity challenges in remote South America. Working collaboratively with the customer, our Sales and Support teams were able to narrow down the problem, isolate the root causes of the issue and assist in rectifying the situation.

Ready and able, our experienced Sales team are there to partner with you from the start to ensure you find your ideal rugged technology solution. For more information on our TUFF rugged technology solutions email sales@motium.com or contact a member of our passionate Sales team directly.



ANDRE GADELLAA
VP BUSINESS DEVELOPMENT & SALES

e: andre@motium.com
t: +61 409 884 697



DIETER VON MOLLENDORF
BUSINESS DEVELOPMENT & ACCOUNT MANAGER

e: dieter@motium.com
t: +61 412 187 541



EUGENE LOW
ACCOUNT MANAGER

e: eugene@motium.com
t: +61 480 153 237