

# BIA5

BIA5 specialises in the **design, manufacture, supply, and support** of technological systems for military, mining, law enforcement and private security agencies.

## Company Overview

As a veteran owned business with experience in the field of covert and overt operational electronic support systems, BIA5 is dedicated to providing technological solutions to Australian and international defence forces, mining, and research organisations.

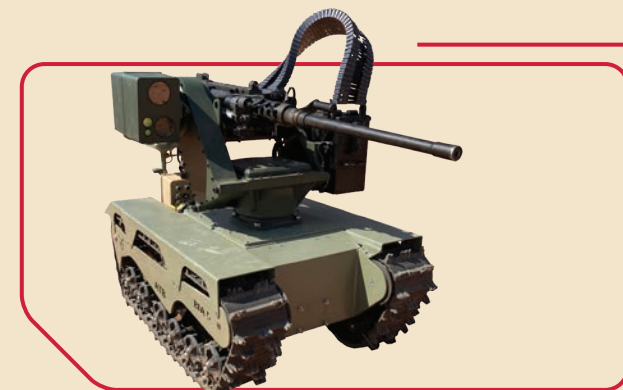
BIA5 has a reputation for providing reliable and tailored solutions meeting the specific needs and requirements of clients. They have successfully designed, delivered and supported cutting-edge technologies, including Unmanned Ground Systems and Tactical Lighting Systems. These advancements have proven to enhance operational outcomes improving efficiency in various settings.

## Products



### TACTICAL INTEGRATED LIGHTING SOLUTION (TILS)

- Technical innovation that replaces traditional pyrotechnic trip flares.
- Versatile solution to military lighting and early warning capabilities.
- TILS suite is modular, expandable and fully programmable.
- Enhanced illumination capabilities, safety and cost-effectiveness that are unattainable with pyrotechnic solutions.
- Integrates with existing Night Fighting Equipment.
- Eliminates the risk of fires in training and operational environments.
- Eliminates risk of injuries and burns to soldiers.
- Safe to store and transport without risk of fire or combustion.
- Can be utilised in protected or indoor civilian environments.
- Repeated use in training and operations.



### WARFIGHTER UGV

- Modular, highly agile UGV designed for the modern battlespace. Deployed from Vehicle, Fixed Wing, or Rotor Wing assets to support section and Company-level operations.
- Sub 1 tonne force multiplier for mounted and dismounted operations.
- Force Support: Direct 50.cal/7.62.cal/MK19 and Indirect Fire Anti-Armour/ Anti-Air/Anti-Troop.
- Force Protection: Counter UAS Measure.
- Mobility: Route and Road Clearance/ IED Detection and Disposal.
- Logistics Support: Equipment Carry.



### ATR-FF FIREFIGHTER UGV

- Direct attack of high-risk fires.
- Environmental gas detection.
- Thermal and HD PTZ camera.
- Conduct detailed inspections inside exclusion zones and complex structural environments.
- Suitable for subterranean deployment.
- Removes first responders from danger.
- 100% Electric
- Endurance 4-6 hours drive time, 72 hours on task.

## Discriminators

- **Veteran owned** – We understand Defence’s mission, combined 50 years of proven delivery of Defence and law enforcement specialist capability and services.
- **Proven knowledge and experience** for the design, installation, and manufacture of specialised products to meet end users’ requirements.
- **Strong collaborative mindset** and supply chain relationships enabling rapid development of capabilities.

## Availability and Support

BIA5 supply and manage product manufacture and global support with international partners where necessary.

## Key Customers



Australian Government

Defence

RioTinto BHP



## Key Partnerships

### SUPPLIERS

- Craig International Ballistics
- Lumn Design
- GenZ Batteries
- Cyborg Dynamic Engineering

### CONSULTING

- Australian Department of Defence
- CSIRO Data61

## Accreditations and Awards

- OE manufacture
- WHS Innovation Award 2022, Rio Tinto

## About BIA5

We have proven knowledge and experience of the design, installation, and manufacture of specialised products to meet end users’ requirements.

We bring a strong collaborative mindset and supply chain relationships, that enable rapid development of our capabilities.



*“Shawn and his team were always available and are solution-focused. The outcome for us was beyond expectation in having advanced technology in this field to better protect our people. We would not hesitate in recommending BIA5 as a supplier/partner that provides innovative, quality outcomes in a timely manner.”*

**Matt Campbell**, Principal Emergency Services, Iron Ore Health & Safety, Rio Tinto

We welcome the opportunity to discuss the benefits of our TILS & UGV products further and how we can assist you to bring this cutting-edge technology into operation.

**BIA5**

## Contact

**Shawn Tansley**  
Managing Director  
BIA5

**M** +61 430 300 606  
**E** shawn.tansley@bia5.com

4/20 Smallwood Place,  
Murarrie, Queensland 4172, Australia

**Thomas Meurer**  
National Manager  
BIA5

**M** +61 403 204 811  
**E** thomas.meurer@bia5.com

[www.bia5.com](http://www.bia5.com)

