



## From the grid to the battlefield - trusted data at speed

*Motorsport does not accept 99% reliability. Neither should defence.*

For over 30 years, bf1systems has delivered mission-critical data systems in environments that tolerate zero failure, including Formula 1, WEC, WRC and Tier-1 automotive programmes.

That heritage now supports defence programmes requiring evidence-based assurance, rapid iteration, and extreme reliability.

### Why partner with bf1systems and why are we different?

- Platform agnostic data intelligence, not just sensors
- Proven at extreme pace, delivering at programme speed
- Defence grade reliability, where failure is unacceptable
- De-risk your bid - with stronger evidence and assurance
- Accelerate delivery - from trials to in-service
- Proven integration capability - under pressure



*bf1systems supply trusted data where failure is not an option*



- Modern defence platforms are software defined, complex and increasingly autonomous
- Timelines are shrinking while tolerance for failure is zero
- In safety-critical, contested environments, confidence must be evidence based
- Every new capability introduces a data credibility challenge
- Defence programmes require trusted, continuous, real-world data across the platform lifecycle



## Actionable data across the entire platform lifecycle

From concept and trials, through to certification and in-service operation, bf1systems helps MODs, primes and integrators reduce integration risk, accelerate development, enable confident autonomy decisions and protect fleet availability.



Every platform decision depends on knowing what's really happening.



### Proven sensing technologies, integrated for defence

bf1systems delivers high-fidelity measurement systems covering pressure, temperature, force, position and speed.



### UK-designed, manufactured, in-house, and proven in extreme environments

These capabilities enable platform health monitoring, performance validation and continuous evidence capture for assurance and safety cases.



### Predictive intelligence for fleet availability

Fleet availability wins conflicts. bf1systems enable early fault detection, optimised maintenance based on real usage, and fleet-wide learning to improve readiness. Know what will fail, before it fails.



**You can't deploy what  
you can't trust. We make  
systems verifiable.**