

## Igence in Defence

### Introduction

With over 25 years of expertise in the Defence industry, Igence has established a strong track record in the design, development, and delivery of advanced software systems. During this time, we have contributed to more than 100 defence-related projects for many of the sector's leading organisations. Our reputation is built on repeatedly delivering effective, reliable, and innovative solutions to complex and demanding customer requirements.

### Project Experience

Many of our projects are classified as Official-Sensitive or Commercially Sensitive. Our work spans a broad spectrum — from routine operational capabilities to advanced research and pioneering technology development.

Notably, Igence has contributed to early-stage advancements in autonomy, cyber intrusion detection, and complex systems integration.



Image courtesy of BAE Systems

We have delivered solutions including, but not limited to:

- Command and control systems
- Ground station software
- Monitoring and diagnostics systems
- Training and simulation environments
- Cyber intrusion and security applications
- Data fusion platforms
- Software for aerospace propulsion systems
- Additional List X and specialist classified developments

All software is engineered to adhere to recommended cybersecurity and secure development standards.

# Sector Experience

## Aerospace

- Control and management systems for radar deployments across civil and defence applications.
- Research and development into Sense and Avoid processing for Unmanned Aerial Vehicles (UAVs).
- Simulation and training platform development for an Army ISTAR UAV programme.
- Helicopter pilot training system incorporating hostile fire simulation.

## Maritime

- Engine monitoring and health management systems for submarine platforms and aircraft engines.
- System development support for the Navy X programme.
- Remote weapon control and automated defence support systems.
- Software support for the development of the BAE Systems Uncrewed P24 Rigid Inflatable Boat
- Search-and-locate Unmanned Underwater Vehicle (UUV) development.
- Automated and remote systems integration for a high-performance Unmanned Surface Vessel (USV).
- Development of ground station software for large Autonomous Underwater Vehicles (AUVs).

For more information, or to discuss your requirements, please contact  
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