Use Cases

Drone automation is transforming industries, with top use cases including emergency response, where drones deliver real-time data in critical situations; precision agriculture for monitoring crop health; infrastructure inspection for safer assessments; and delivery services enabling rapid, contactless logistics.

Our Priority

DFR is our foremost priority, fuelling our dedication to developing innovative solutions that boost rapid response capabilities and safety—designed by first responders, for first responders.

Our History

IDI, established in 2019, was created to revolutionise the way drone operations are automated across various industries. With a strong foundation in drone piloting, the company quickly moved from testing basic automation workflows to developing its flagship product, the IDIPLOYER Nexus. This innovative "drone-in-a-box" solution integrates powerful software with robust hardware, enabling fully automated UAV operations. It has been adopted globally across sectors like energy, infrastructure, and construction for tasks such as monitoring and inspection.

What We Do

SERVICE

Our hardware and software are backed by comprehensive service, ensuring seamless integration and ongoing support for optimal performance.

TECHNOLOGY

IDI designs and manufactures drone automation hardware, working closely with like-minded UK integration partners.

SOFTWARE

IDI develops drone automation and pilot software, offering users data-driven solutions with analytics-rich post-mission reporting.

IDRONEINNOVATIONS

WWW.IDRONEINNNOVATIONS.COM

IDI | SERVE

IDI SERVE provides comprehensive service, support and analytics for all IDI hardware and software products, ensuring optimal performance and customer satisfaction. They offer expert consultations, guiding clients in selecting and integrating the right solutions for their needs.

🇬🇧 MADE IN UK

IDI C&C

IDI Support

IDI Analytics

IDI Command and Control is a consultation service provided by our partners, this service is designed to enable the integration of a turn key automation solution. IDI Consultancy will support with the development of a command and control room that requires an ergonomic design with comfortable workstations and proper lighting. Essential technology includes high-resolution video walls, robust communication systems, and powerful computing infrastructure. Reliable data networks, cybersecurity, and backup power systems ensure continuous operation. Environmental controls, physical security, and access management are crucial for safety. Collaboration tools and training capabilities, such as interactive whiteboards and simulation systems, enhance decision-making and preparedness, ensuring effective crisis management and operational efficiency.

The IDI Support team provide customer and partner support for all Hardware and Software products. The Team are at the heart of product design. IDI offers a dedicated Support Team to assist with all hardware and software products, ensuring seamless operation and customer satisfaction. Our key support processes include 24/7 technical assistance, regular software updates, hardware maintenance, troubleshooting and issue resolution, remote monitoring, and user training. These processes are designed to minimise downtime, optimise performance, and provide clients with the knowledge and tools they need to effectively manage and use their IDI products. This support in offered in Tiers to suit customer needs and budgets.

IDI Analytics is an application and suite of software running both on the Drone Devices and Cloud. We take all data and telemetry and securely export into readable data for customer review. The IDI Analytics Team specialises in transforming device data into a comprehensive suite of analytics for post-flight reporting and analysis. By collecting and processing data from all devices, the team generates detailed reports that provide actionable insights into performance, efficiency, and any anomalies. These analytics are crucial for optimising future operations, enhancing decision-making, and ensuring continuous improvement in system performance, enabling clients to maximise the value of their post-flight data.