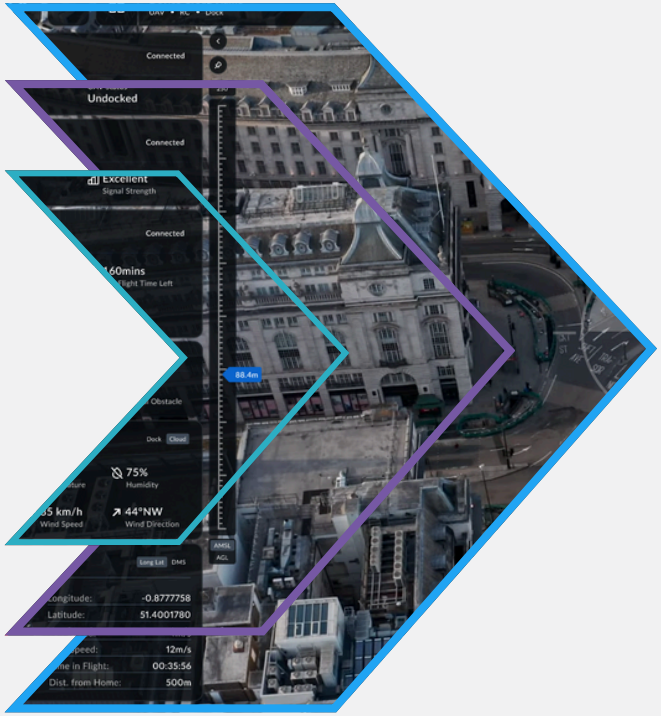

Use Cases

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 2017, 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 | WARE

IDI WARE is the Software Division of idroneinnovations. Our team of senior developers have created a suite of Automated Drone Deployment APIs, Drone Precision Landing Algorithms and UAS Command Applications - the 3 key elements to Automated Drone Deployment.

MADE IN UK

IDI Fly

IDI Fly is a comprehensive GIS interface designed for Multiple Drone Platforms including DJI, Parrot and others. Automated Drone Deployment systems from IDI are highly suited for **Drone as a First Responder** (DFR) programs due to their efficiency and rapid response capabilities. These systems enable drones to be automatically dispatched to emergency sites immediately after an incident is reported, significantly reducing response times. The automation ensures consistent and reliable deployment, with drones providing real-time aerial surveillance and data to first responders. This technology enhances situational awareness, allowing emergency teams to make informed decisions before arriving on scene, ultimately improving public safety and response effectiveness.

IDI Land

IDI Land is a comprehensive suite of Precision Landing Algorithms designed for Multiple Drone Platforms including DJI, Parrot and others. A key advantage of IDI's technology is its complex and clever Precision Landing algorithms, which support automated return-to-home and landing functions. These algorithms ensure that drones can accurately and safely return to their designated base after completing a mission, even in challenging environments. This reliability enhances the overall efficiency and effectiveness of DFR programs, enabling faster and more informed emergency responses while maintaining the safety and readiness of the drone fleet.

IDI Command

IDI Command is a comprehensive Controller Application designed for Multiple Drone Platforms including DJI, Parrot and others, the controller UI mirrors the dashboard UI. IDI has developed sophisticated Flight Control Software Applications for drone controllers, streamlining operations and providing intuitive interfaces for operators. These applications also offer comprehensive Pre and post-flight data and analytics, enabling teams to review and optimize their missions, and supervisors critical oversight and review - further enhancing the efficiency, safety and effectiveness of DFR programs.