CORE

Advanced Mission Software for the C100

PDW CORE is a groundbreaking software bundle designed to enhance the capabilities of the C100 multi-mission quadcopter. PDW CORE represents a leap forward in operational efficiency, offering advanced tools that empower operators to take on the most complex missions with confidence.

At the heart of PDW CORE is a redesigned, touch-friendly interface for the PDW Ground Control Station (GCS). This intuitive UI ensures seamless control across devices, optimizing performance on Android tablets, mobile devices, and common controllers. Included in this suite of tools is our proprietary flight simulator, PDW SIM, which allows operators to train and rehearse missions in a hyper-realistic simulated environment, directly from the C100 ground control station. Paired with PDW CORE's advanced mission planner, operators can confidently tackle combat challenges, refine strategies, and analyze outcomes—all before executing a mission.

Enhanced Ground Control Station (GCS)

A streamlined interface with intuitive icons, faster navigation, and compatibility across Android tablets, mobile devices, and controllers. Optimized for touch, ready for any screen, anywhere.

PDW SIM

Dynamic 3D maps from real-world data, precise C100 physics, and challenges like signal interference, battery dynamics, and harsh environments.

Advanced Mission Planner

Plan and execute with advanced mapping, real-time data, and tactical overlays. From reconnaissance to beyond, every detail is covered.

ATAK Plug-In

Stay connected. Convert MavLink to Cursor on Target (CoT) for seamless integration into the TAK network. Maintain a live, shared view of the mission environment in real time.

Windows-Compatible PDW Updater

Stay ready. Manage fleets with ease using a Windows-compatible tool for remote updates and flight log downloads.