

CONNECTED INTELLIGENCE

NEXUS

From mission planning to connected operations.

Structure routes, a reusable mission library and operational review in one workspace.

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Browser workspace

Plan structure routes, save mission revisions and reuse reviewed designs with maps, telemetry and media.

VECTOR

Controller integration

Separate DJI and Autel streams link supported aircraft, payload, mission and media workflows.

FLIGHT

Published Android GCS

ArduPilot/PX4 via MAVLink, with mission planning, vehicle setup, telemetry and diagnostics.

9**DJI RC profiles****24****Autel profiles**

Dock 2: 3D / 3TD. Dock 3: 4D / 4TD. Dock 4: Matrice 5TD + required O4 Ground Station.

PLAN. ORGANISE. REVIEW.

Structure planning

Circular orbit, single facade and four-sided building routes; Site, Route and Preview.

Mission library

Save, search, edit, load and reuse named missions. Keep revisions and saved copies.

Mission management

Review copy history, checksums and available RC receipts; each new flight needs review.

Terrain & survey coverage

DEM/DSM, GSD, overlap, camera footprint, nadir/oblique passes and sortie review.

Sync & portable files

Owner-scoped foreground sync; offline pending saves, conflict recovery and planning JSON.

Policy & controller handoff

Takeoff/RTH, RC-loss and finish policy; compatible aircraft, payload and vendor file checks.

Connected workflows: VECTOR, FLIGHT, ArtPole, Drone Station, Command Center, AI Vision, Point and MetaSync. Dock 4 / Matrice 5TD has Cloud API 2 commissioning and operational adapters; live controls remain commissioning-gated. A licensed DJI base, O4 Ground Station and exact-device acceptance are required.