



DATAWING

The intelligence layer for the
UK drone economy

22M+
BUILDINGS

300-500
GROUND HUBS

400M+
DATA POINTS

CONCEPT

The bottleneck is deployment intelligence

Commercial drone networks need a live answer to where aircraft can launch, land, recharge route and scale profitably.

◆ DataWing makes the invisible network visible

Every rooftop, parcel, demand pocket, constraint, and corridor assumption becomes comparable.

◆ The first deliverable is a decision surface

Deployers start with ranked cities, candidate hubs, and the first edge-node shortlist.

◆ Question - Evidence - Plan

Where can we deploy? Which assets matter? What network pencils?

Coverage

22M

UK Buildings

Sources

15+

Source Classes

Markets

400

UK Locations

DATA QUALITY

400M+ datapoints, every score tied back to source evidence

The product advantage is not a prettier map. It is national-scale evidence normalised into scores a deployment team can trust.

22.58M+
BUILDINGS SCORED

248K
CANDIDATE SITES

Sources: Live DataWing Dashboard; DataWing Concept Brief.

One intelligence layer: Three commercial decisions

Where should we launch? Which rooftops matter first? What network can we actually operate?

◆ **Grid: The edge-node inventory**

Scores commercial rooftops with SRI, demand, ownership, and constraint layers.

◆ **Ground: The hub pipeline**

Ranks brownfield, depot, car park, and public land candidates with GHRI.

◆ **Vision: The expansion simulator**

Turns scores into hub-to-edge reach, corridor options, and deployer scenarios.

Entry

City

Output

Shortlist

Decision

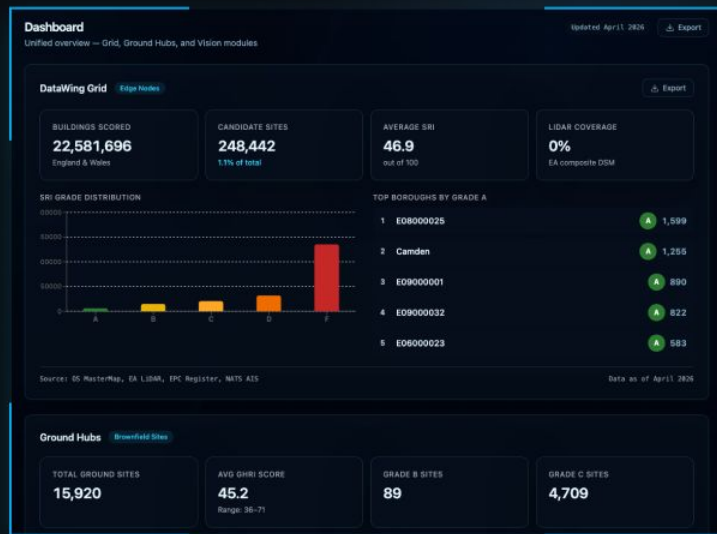
Deploy

DataWing Grid turns 22M buildings into an acquisition shortlist

The value is not another map. It is a ranked list of rooftops worth calling, validating, and modelling.

22.58M+
BUILDINGS SCORED

248K
CANDIDATE SITES



Sources: Live DataWing Dashboard & Product Interface.

DataWing Ground finds the scarce hub sites that make networks real

Ground hubs are the practical constraint: a small number of launch, recovery, charging, and maintenance sites determine coverage.

◆ Ground Hub Readiness Index

Ranks brownfield land, depots, car parks, public land, grid practicality, planning risk, and multimodal access.



DataWing Vision makes deployment options investable

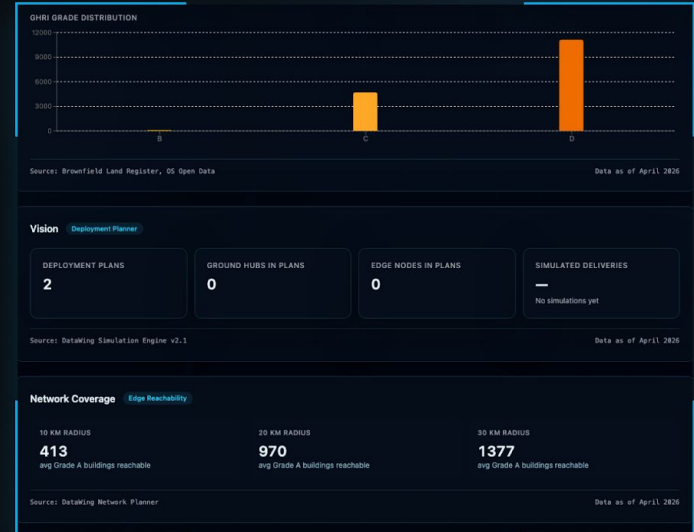
Operators can vary hub count, radius, edge-node density, fleet assumptions, readiness thresholds, and corridor routes before committing capital.

◆ Deployment Planner

Converts city goals into candidate hub and edge-node networks.

◆ Network Simulator

Quantifies reachable coverage, throughput assumptions, and fleet-sizing implications.



City-readiness brief before spending on surveys

Faster market entry. Fewer blind spots. Better landlord and public-sector conversations.

◆ **A ranked first-city pipeline**

Shortlist boroughs, hubs, and rooftop edge nodes before committing pilot teams.

◆ **A repeatable expansion method**

Apply the same scoring language from one borough to another, then across the UK.

Time Saved

6-12 Months

Months

Avoided Study

£200K-500K

Manual City Work

Brief

3 Cities

Ranked Comparison

Sites

First 50

Hub + Rooftop Targets

Risk

Corridors

Planning Assumptions

MARKET TIMING

The UK is moving from drone trials to repeatable commercial networks

Policy, regulation, and commercial pressure are aligning around BVLOS operations, last-mile delivery, inspection, and networked aerial logistics.

£45B

ECONOMY POTENTIAL

£22B

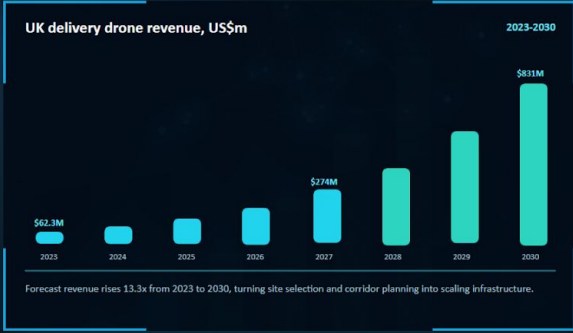
COST SAVINGS

900K

FLEET SCALE - 2030



Sources: PwC Skies Without Limits v2.0; GOV.UK Future of Flight action plan.



GROWTH PROJECTION

Delivery is the wedge
Infrastructure intelligence is the multiplier

The UK delivery drone market is forecast to grow from \$62.3M in 2023 to \$831.2M in 2030.

◆ UK CAGR 44.8%
 2024 - 2030

◆ \$831M - 2030
 UK Delivery Drones

The operational bottleneck shifts upstream as delivery scales: site acquisition, hub placement, and corridor planning become the defensible layer.

2023 - Early Market
\$62.3M

2027 - BVLOS Inflection
\$273.8M

2030 - 13.3x vs 2023
\$831.2M



DATAWING

Book a DataWing city-readiness briefing

DatawingAI.co.uk

hello@DatawingAI.co.uk

Choose three target cities. DataWing can show ranked hubs, rooftop edge nodes, corridor assumptions, and deployment risk before your first survey budget is committed.

Briefing

30 Min

City Readiness

Inputs

3 Cities

Your Target Markets

Output

Ranked Map

Hubs + Edge Nodes