

Drone Harmony for Mapping & Inspection //

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The leading data acquisition platform for mapping & inspection professionals and enterprises



dh drone harmony
infrastructure digitalization

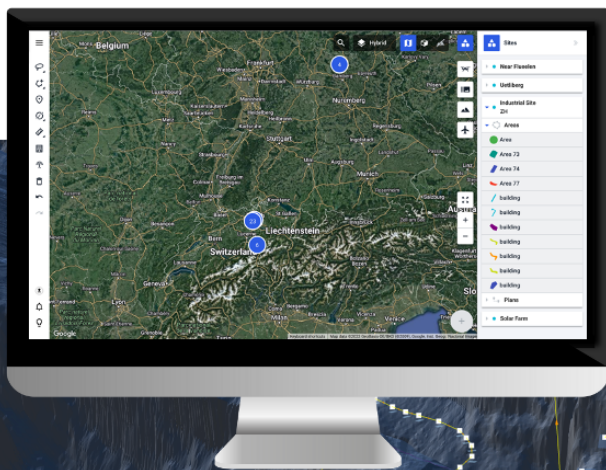
About Drone Harmony for Mapping & Inspection

Drone Harmony for Mapping & Inspection is the most comprehensive programmatic enterprise-grade data acquisition solution for mapping, GIS, surveying and inspection professionals. It seamlessly supports all enterprise DJI drones (Mavic & Matrice series).

Drone Harmony for Mapping & Inspection supports a variety of industries including

- Mapping
- Surveying
- GIS
- Agriculture
- Construction
- Mining
- Inspection
- Oil & Gas

Drone Harmony for Mapping and Inspection supports all enterprise DJI drones including Mavic 3 Enterprise, the Matrice 30, and Matrice 300 series drones. For a full list see [Supported Hardware & Software](#).



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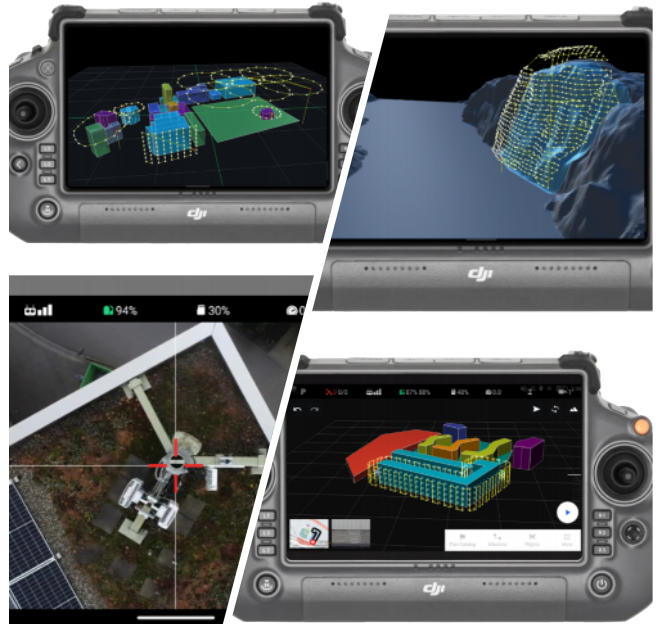
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Key Features

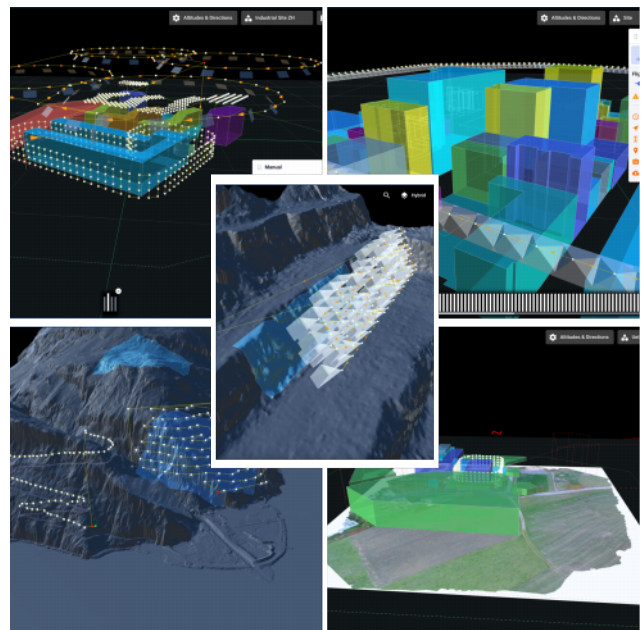
Flight Execution

- The most sophisticated native mobile app for all DJI Enterprise remote controllers (Smart Controller, RC Pro, RC Plus)
- Automated flight execution of all Drone Harmony flight missions: automated flight & payload control
- Support of all DJI Enterprise drones (Mavic 3 Enterprise, Matrice 30 Thermal, M300) as well as older DJI drones
- Full in-app camera controls for all drones and M300 payloads, including H20, H20T, P1 and Phase One P3
- Advanced position calibration features for improved capture accuracy and flight safety



Flight Planning & Management

- The richest 3D flight planning capabilities on the market in both web and mobile apps
- Easy management of an unlimited number of missions in one site for quick deployment and repeatable workflow
- Automated plans are tailored for imported data including terrain, vector and shape data (supported formats include Geotiff for terrain and surface models, KML/KMZ for shape data, Geotiff for custom maps and more)



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Site & Project Management

- Manage and view multiple projects in one intuitive interface.
- Automatically maintain archived records of all completed and ongoing projects including all flight logs and metadata
- Export projects, flights or metadata files

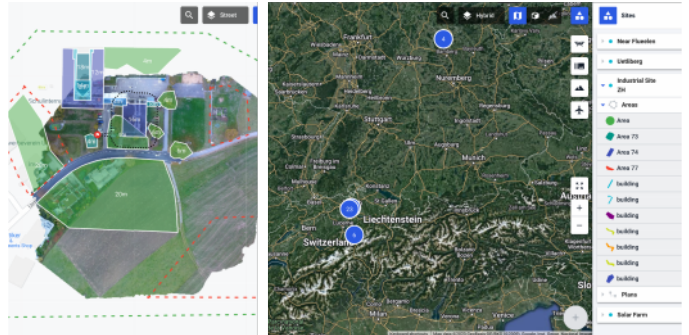
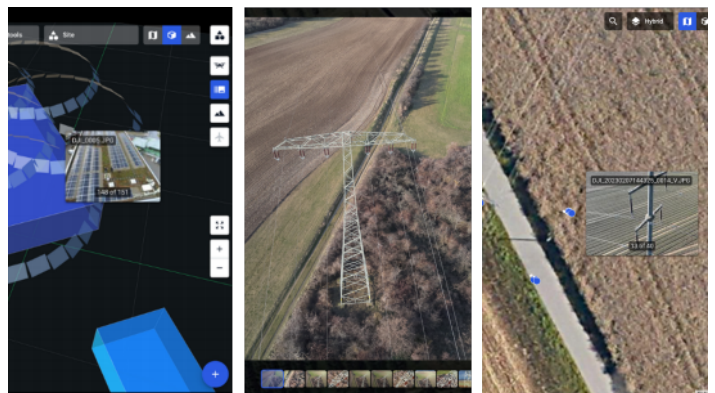


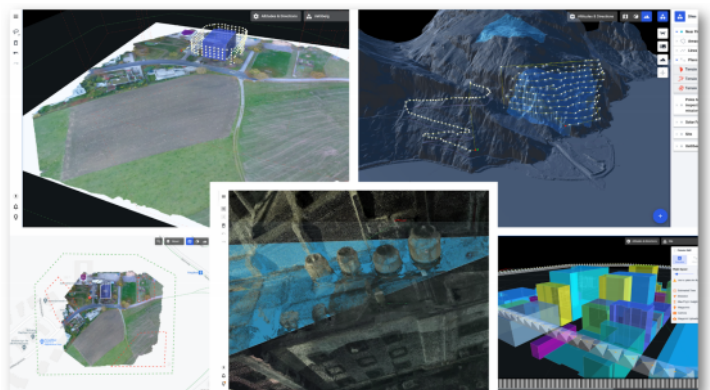
Image Data Management

- Upload image data into the Drone Harmony Cloud for contextualized storage of captured data.
- Image Gallery: flip through images in order of capture. Images are automatically sorted by mission, date, drone & flight.
- Image and metadata automatically geo-located and overlaid in Map and 3D views.



Visualization

- Powerful 3D visualization of project site, including all its components (assets, missions, images etc.)
- Visualization of custom digital terrain, surface models, custom map overlays and orthomosaics, shape files, images, log files and airspace layers



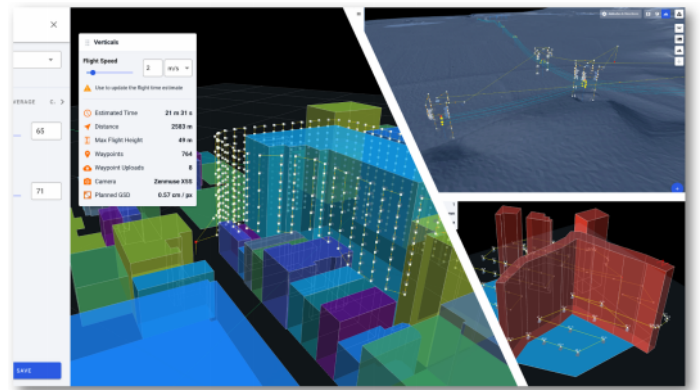
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Flight Safety

- Obstacle-avoiding flight plans automatically computed based on Site data
- Full 3D visualization of flight plans for visual flight review
- Airspace information overlay in web app
- No-Fly-Zones and Geofences for airspace control



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