Data sheet

pitney bowes

Software & Data
Location Intelligence

MapInfo® Pro Drone

Identify risks and opportunities with images specific for your business needs.

Leverage over 10,000 certified, professional drone pilots across the globe and gain access to custom imagery specific to your business needs.

Pitney Bowes has partnered with Icaros, a leader in the drone services industry, to help organizations discover new and improved ways to efficiently inspect and analyze real estate, job sites, cell phone towers, power lines, oil and gas pipelines, farms, as well as other structures.

MapInfo Pro Drone is a simple, safe, and professional end-to-end drone data collection and mapping solution. Through a simple user interface built into MapInfo Pro, drone flights can be deployed almost anywhere in the world to collect high-resolution imagery, LiDAR, and video. Imagery can be collected in RGB, thermal, Infrared (IR), and multispectral, enabling a myriad of maps and digital terrain products to be produced. With improved, geospatial accuracy, sites and structures can be compared over time for maintenance issues, inspection of anomalies, remediation effectiveness, and for government compliance.

Easy access to custom imagery

"MapInfo Pro Drone makes it easy to deploy drones to almost any location in the world and obtain low-cost, high-resolution, geospatially accurate imagery, video, LiDAR, and maps."

—Jim Stone, MapInfo Senior Product Manager

Drone imagery on demand

A complete turnkey solution
Simply complete a project request and click on the order project button and MapInfo Pro Drone does everything else. There's no need for in-house experts. You don't need to buy drones or sensors or expensive image processing software, no matter how simple or complex the job.

Access industry leading specialists
MapInfo Pro Drone comes with access to a network of over 10,000 certified, professional drone pilots across the globe who are ready to acquire imagery and terrain data. We have a wide variety of drones and every kind of sensor in our fleet. Image processing is performed in the cloud and quality assured by geospatial experts.

Time series data acquisitions
Flight over flight, drone data acquisition is an empowering storytelling tool enabling users to focus on critical areas of interest and track changes over time. Highly accurate orthomosaic maps can be produced to enable precise analysis and measurements.

How it works:

The MapInfo® Pro Drone App is free to download. You'll only pay for imagery and processing that you order through the simple online project-by-project ordering process. Each project is uniquely priced based on its size, location, and complexity. It gives you the ability to approve project quotations before projects are dispatched and flown.

MapInfo Pro users simply select an area of interest on an existing base map. Then fill in a project request form and submit it to get a fast project quotation. Once you approve the quotation, MapInfo Pro Drone deploys one or more drones to collect your drone imagery over your project area. Image processing is performed in the cloud and quality assured by geospatial experts. Email communications keep you aware of project status from initial kickoff to final product delivery.

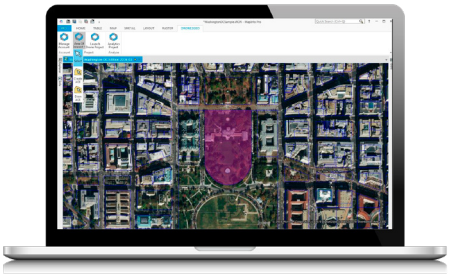
The MapInfo Pro Menu now features Drone Tools

MapInfo Pro Drone installs as a new add-in with four new buttons on the MapInfo ribbon. The buttons guide you from setting up your account to creating an area of interest to defining information about your project. The last button gets you access to the optional analytics and tasking application.

Any project in five easy steps

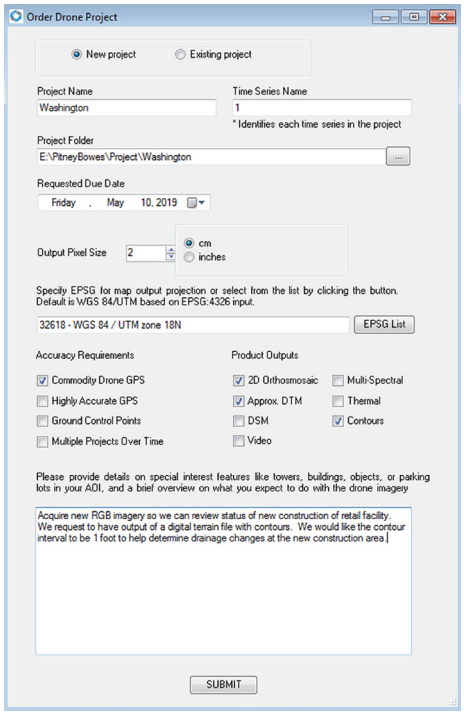
After activating your MapInfo Pro Drone account, you can launch any project, quickly and simply:

- **Step 01:** Define an area in a MapInfo base map where you'd like new high-resolution imagery, video, and/or terrain maps.
- **Step 02:** Fill out a project request form (shown on right) to tell us about your project details, and select your desired outputs, for example, you'd like a contour map, or a thermal map, or a video.
- **Step 03:** Submit your project request. Usually within 24 hours, you will receive an email with a project cost quotation based on the location and size of your project.
- **Step 04:** Simply press the ACCEPT button on your quotation email and a drone service provider will be deployed to collect your data. Once collected, all data will be processed and quality assured by geospatial experts before the final results are sent to you.
- **Step 05:** Upon project completion, you will receive a "project complete" email, typically in just a couple of days. The email will contain links to your outputs, so just click on the links to download your maps, models, video, or other requested outputs to your MapInfo system.



Launch projects within MapInfo Pro

Easy to use Drone Tools

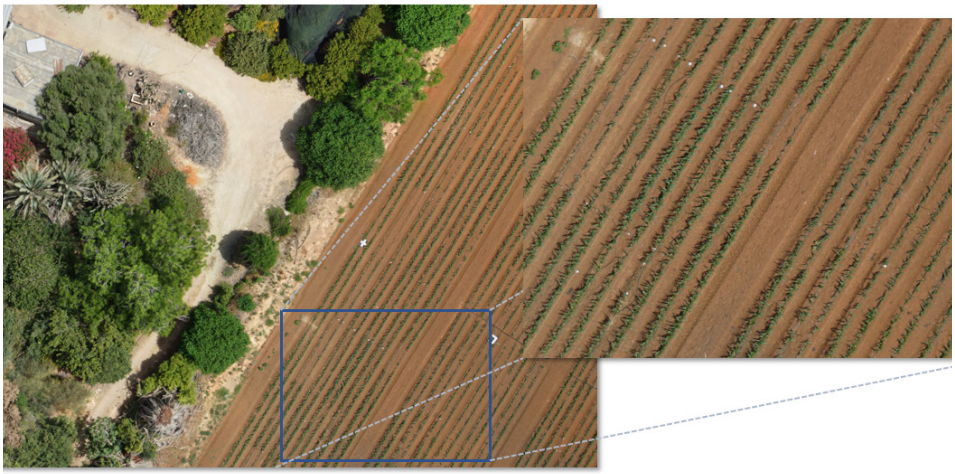


Define your project specifications

Leverage an extensive network of drone pilots to gain access to custom imagery specific to your business needs.

From tracking change over time to meet jobsite compliance…

to precision agriculture…



… to energy and telco asset inspections.

Make better decisions with better imagery.

Make the move to blend high-resolution acquisition and access to mapping services of MapInfo® Pro Drone into existing workflows and MapInfo applications.

Drone-acquired data

Imagery:

- RGB
- NIR
- Thermal
- Multispectral
- Video

Terrain data:

- LiDAR
- DTM
- DSM

Services Produced Data

Output Drone Data Products:

- 2D Orthomosaics
- Video
- Approximate DTM
- Highly-Accurate DTM
- DSM
- Contours

Data formats

Specifications:

- GeoTIFF
- JPEG
- 1080p Video
- 4K Video

Support

- Access to geospatial drone and aerial acquisition experts.
- Support available throughout the life of each drone project.

Project-by-project purchasing

MapInfo Pro Drone App is free to download.

Project-by-project pricing: Each project is uniquely priced based on its size, location, and complexity and you will be able to approve project quotations before projects are dispatched and flown.

Analytic application subscription

Maintain project status to track and manage your projects.

Download MapInfo Pro Drone app for free at the MapInfo Marketplace.

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