



Collect Project Data Faster with CDM Smith's Advanced Fixed Wing Drone and Mobile Command Center

Reduce field labor and overcome accessibility issues with Sky Wave

Most operators are required to keep drones within visual sight, limiting how much data they can collect per day. Our FAA beyond visual line of sight waiver allows us to operate our advanced fixed-wing drone up to six miles away from the Mobile Command Center (MCC) to collect more data per flight, reducing time in field.

Collect data from hard to reach or inaccessible areas and spend less time planning. Reduce field labor and keep field crews out of hazardous areas.

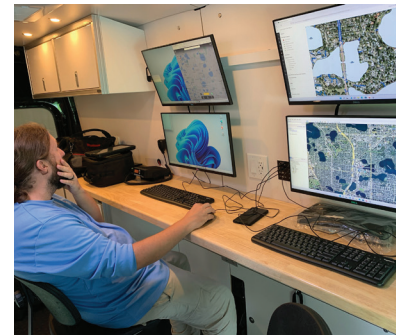
Data collection expedited with state/federally compliant drones and sensors

Our MCC communicates with the drone and allows us to review data, track mission progress, and monitor weather and airplane traffic in real time. Additionally, our fixed-wing drone system can operate for 2x longer than traditional drones.

This enhances safety while allowing us to collect more data in a day compared to traditional drone operators.

Leverage the digital pipeline to develop project solutions

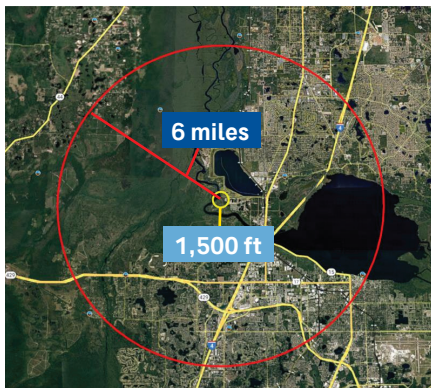
The digital pipeline is a powerful tool to take data from the field through processing to help drive data to decisions. We have the experience and expertise in collecting large digital datasets and harnessing automation and AI to gain actionable intelligence and develop project solutions.



Mobile Command Center enhances data collection



American-made and federally compliant



CDM Smith drone range (6 miles) vs typical drone (1,500 ft)

Benefits:

- Improved Data Quality
- Flexibility in Operations
- Comprehensive Site Coverage
- Increased data collection efficiency
- Increased Operational Range
- Enhanced Safety

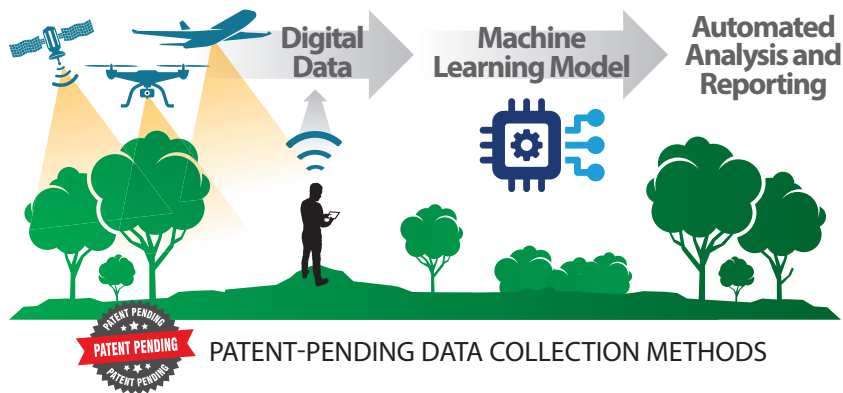
Applications:

- Wetland Mapping
- Stream Mapping
- Waters of the US Evaluations
- USACE 404 Permitting
- Protected Species Habitat Assessments
- NEPA Analysis and Documentation
- Cultural and Archeological Evaluations







Sky Wave at CDM Smith has patent-pending drone data collection methods that reduce field work, increase accuracy, and facilitate drone data integration into AI models.

Environmental Mapping and Analysis with Sky Wave at CDM Smith

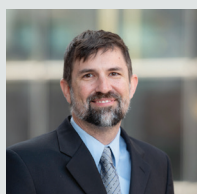


Reduce or Eliminate Costly Field Labor

Less time planning and mobilizing and more time flying and collecting data. Help drive data to decisions through Sky Wave at CDM Smith.

	 DIGITAL CAMERA	 MULTISPECTRAL CAMERA	 THERMAL INFRARED CAMERA	 LiDAR
sUAS SENSOR				
DATA OUTPUTS	Video, Photographs, DEMs, Contour Maps, Orthophotographs	Color Infrared Images, Normalized Difference Vegetation Index, Orthophotographs	Infrared Photographs and Maps	DEMs, Contour Maps, Point Cloud
DATA USE	<ul style="list-style-type: none"> • Inspection • Infrastructure Inventory • BMP Assessment • Watershed Planning • Soil Erosion Monitoring • Flood Mapping • Illicit Discharge Detection 	<ul style="list-style-type: none"> • Impervious Surface Calculation • Vegetative Health And Coverage 	<ul style="list-style-type: none"> • Stormwater Mixing Zones • Culvert Inventory • Identification of Outfall Locations • Spring/Seep Identification 	<ul style="list-style-type: none"> • Infrastructure Inventory • Watershed Planning • Soil Erosion Monitoring • Basin Delineation

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