

Brains4Drones

we turn **toys** into **tools**.



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Onboard AI for Inspections and Situational Awareness

Brains4Drones is a cutting-edge robotics company that builds custom AI solutions for drones, vehicles and cameras. Our tools make Utility Asset Management and Vegetation Management safer. With Computer Vision, drone-based imagery is collected and processed within minutes, not months enabling utilities to quickly identify problems and to prevent unplanned outages.

Expertise

- ✓ Our CTO is a renowned Computer Vision Scientist with 25+ years in Robotics.
- ✓ We provide end-to-end services performing both software and hardware development in-house.
- ✓ Our licensed engineers and drone pilots hold paramount the safety and privacy of the public.



Projects



- ❑ Performed a 3-year 1.1MM Small Business Innovation Research grant: *Rapid Assessment of Distribution Line Damage via Autonomous UAV* for the DOE Office of Electricity. Our products can shorten power restoration times after storms.
- ❑ Recipient of a sole source DOE award to adapt our drone-based AI technology to help prevent wildfires.
- ❑ Developing a tool-in-the-truck for vegetation management that provides real-time situational awareness in Distribution Rights-of-Way.

Our Unique Value Proposition

- ✓ We rapidly prototype cutting-edge solutions that work in real time in the real world.
- ✓ We customize our solutions to your requirements.
- ✓ Management is experienced working in both the public and private sectors.
- ✓ Your data is secure: all work is performed by U.S. citizens in NY and TX.
- ✓ No need to store terabytes of data in the cloud - we curate the imagery for you.



Founded in 2016, Brains4Drones is a Texas-based woman-owned SBE with 20+ employees.



NAICS: **541512** Custom computer HW/SW systems design & consulting
334511 Proximity warning (i.e. collision avoidance) aeronautical equipment manufacturing
SIC: **3812, 7379** NIGP: **035-04, 035-28**
SAM UEI: **S64ZGNFJFS53** DUNS: **08-0230581** CAGE: **7LMW3**

