



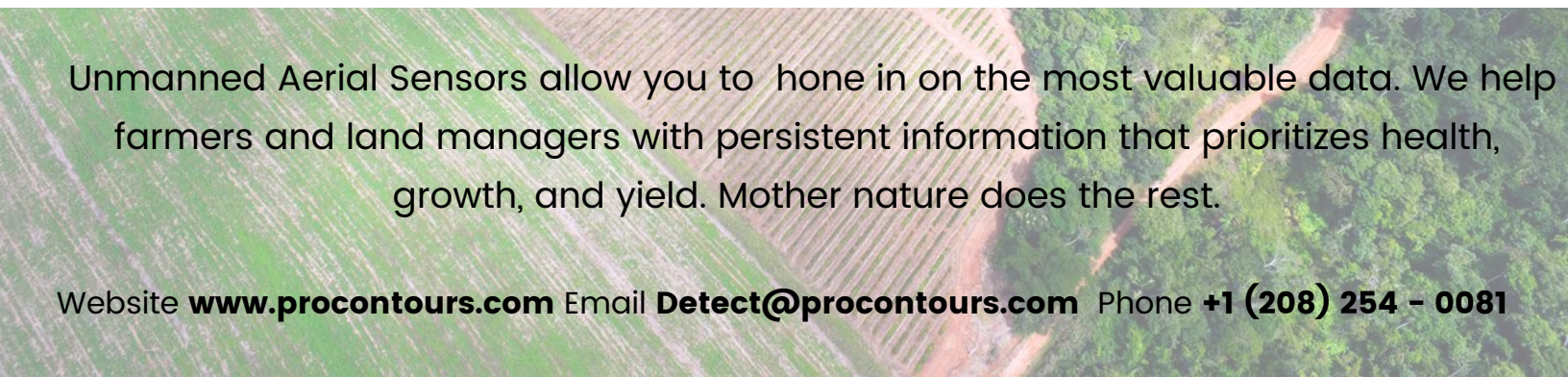
## Agriculture and Natural Resources

### **DIGITAL INTEGRATION AND DATA ACQUISITION**

- Understand your crop potential with predictive analytics.
- Identify pests and invasive species such as Fusarium TR4 and coffee rust.
- Ensure safety and security of assets and personnel.
- Create actionable data to detect contaminants on waterways, identify noxious weeds and invasive species.
- Save money, resources and time by locating areas in need of more or less nutrients, water, fertilizer or pesticides.
- Manage, protect, and understand wildlife.
- Help farmers and land managers with persistent information that prioritizes health, growth, and yield.

### **APPLICATIONS**

- Know your crop's health and identify areas in need of nutrients.
- Save money on fertilizers and pesticides.
- Count plants and design the optimal crop layout.
- Mitigate the exposure to pesticides.
- Create action plans in the event of a pest or fungus infestation.
- Locate contamination and create action plans.
- Identify and keep accountability of wildlife and endangered species.
- Locate and mitigate illegal poaching activities.



Unmanned Aerial Sensors allow you to hone in on the most valuable data. We help farmers and land managers with persistent information that prioritizes health, growth, and yield. Mother nature does the rest.



# PROCONTOURS

Nurturing innovation & solutions

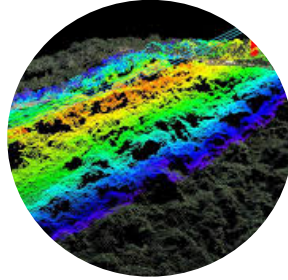


## TECHNOLOGY

## Agriculture and Natural Resources



Produce survey grade information with LiDAR, Hyperspectral and Multispectral



3D point clouds produce a digital mirror locating exactly areas of concern.



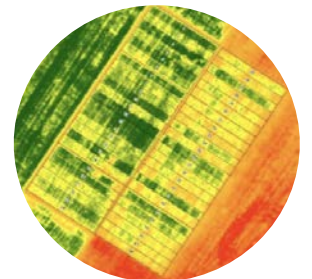
Develop immediate and optimal layout for your crops and forests.



Provide security and surveillance with real-time, day and night monitoring.



Inspect the condition of vital resources such as railways, power lines, and pipelines.



Understand health with Normalized Difference Vegetation Index (NDVI)



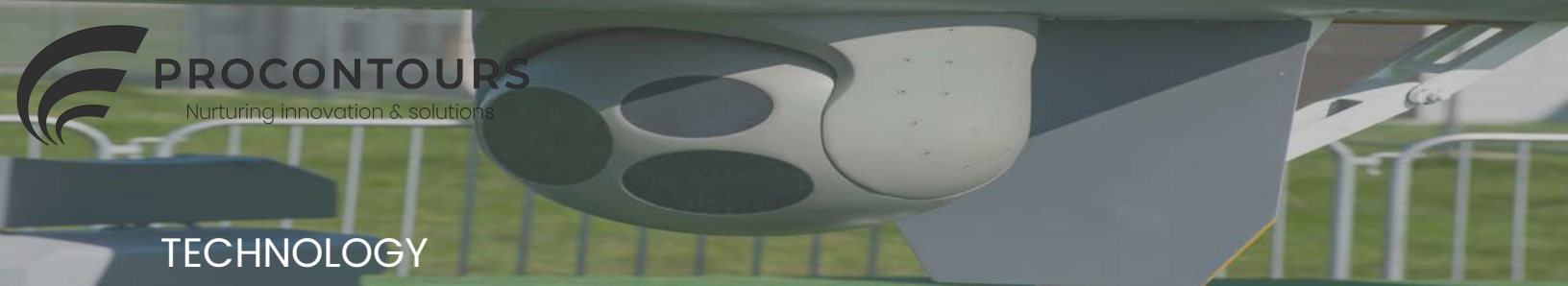
Protect waterways, forests, and crops with advanced imagery to locate invasive species, pests, and fungus.



Optimize resources by detecting humidity levels and areas in need of fertilizer or pesticides.



Understand your area and develop action plans to contain the exposure to chemicals or infestations.



**TECHNOLOGY**



**Beyond Visual Line of Sight (BVLOS) Capabilities.**

- Fly farther and faster with 12+ hours of endurance.
- Vertical Take Off and Landing – fly from anywhere.

**Scale your approach.**

- System integration to match your needs.
- By remaining neutral, we you save time and money.
- One size does not fit all.

**FAA Certified Pilots with worldwide experience.**

- Mission planners.
- GIS professionals.
- Sensor Operators.
- Pilots

**Systems we commonly use for our operations.**

Sensors	RGB (Visible)	Red Edge	Thermal / Infrared		
			NIR	MWIR	LWIR
BAND	450 - 740 nm	680 - 750 nm	.74 - 1 µm	3 - 5 µm	8 - 14 µm
AVT CM100 Gimbal	✓				✓
Trillium HD25-LV Gimbal	✓				✓
Sony RX1RII	✓		✓		
MicaSense RedEdge - MX Multispectral	✓	✓	✓		
MicaSense Altum-Multispectral + Thermal	✓	✓	✓		✓
Niatros SD MWIR, OEM, OGI	✓			✓	
Headwall Nanospec Hyperspectral	✓	✓	✓		
Flir Duo Pro R	✓	✓	✓		✓
Synthetic Aperture Radar (SAR)	[SAR capabilities are not covered in this table]				