

Remote sensing applications of robotic aircrafts

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Director, solutions

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Sherbrooke Flood April 2014

Mapped by Responder @ 5 cm/pixel Resolution



**INGROBOTIC
AVIATION**

Commercial in Confidence

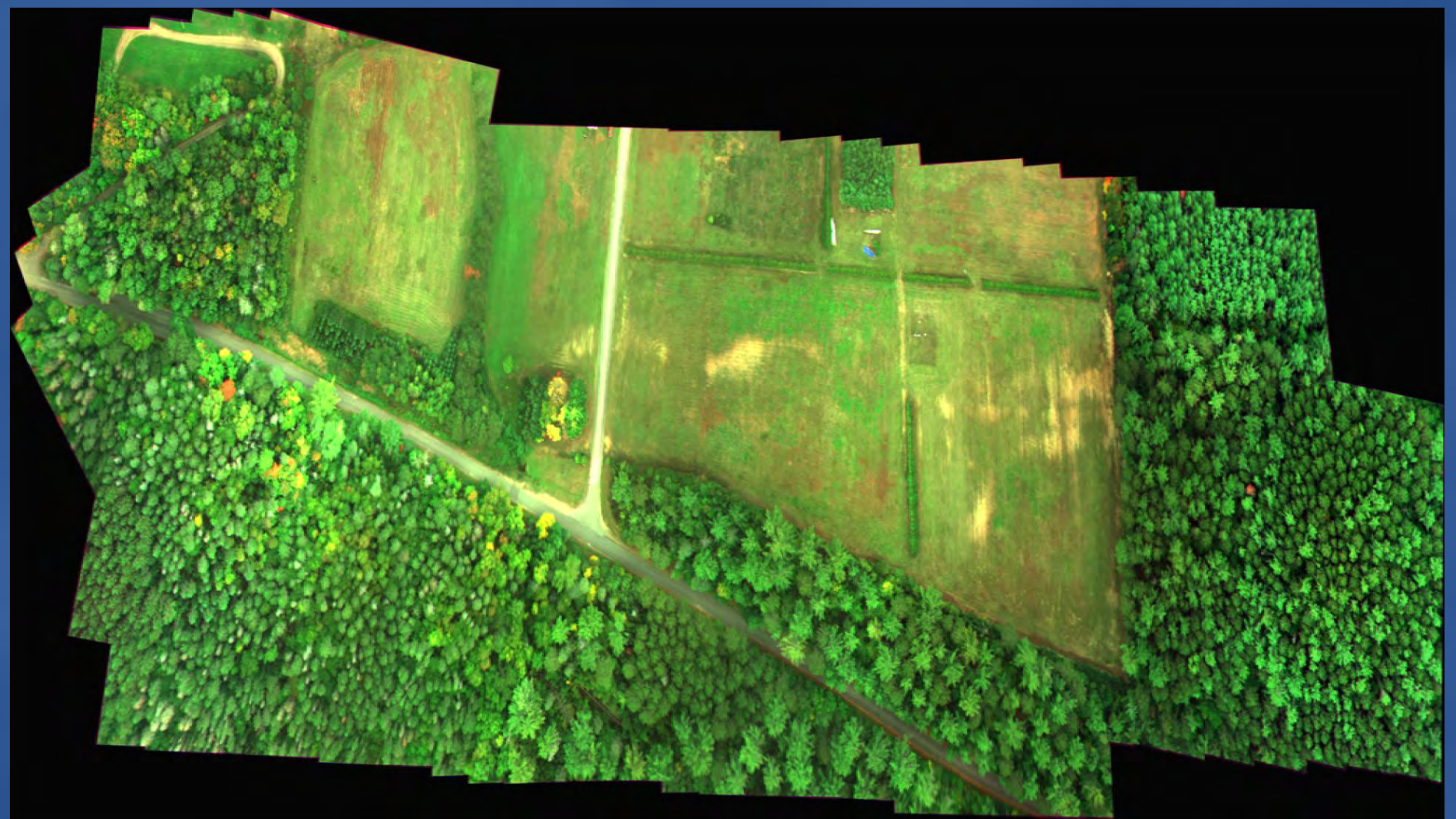
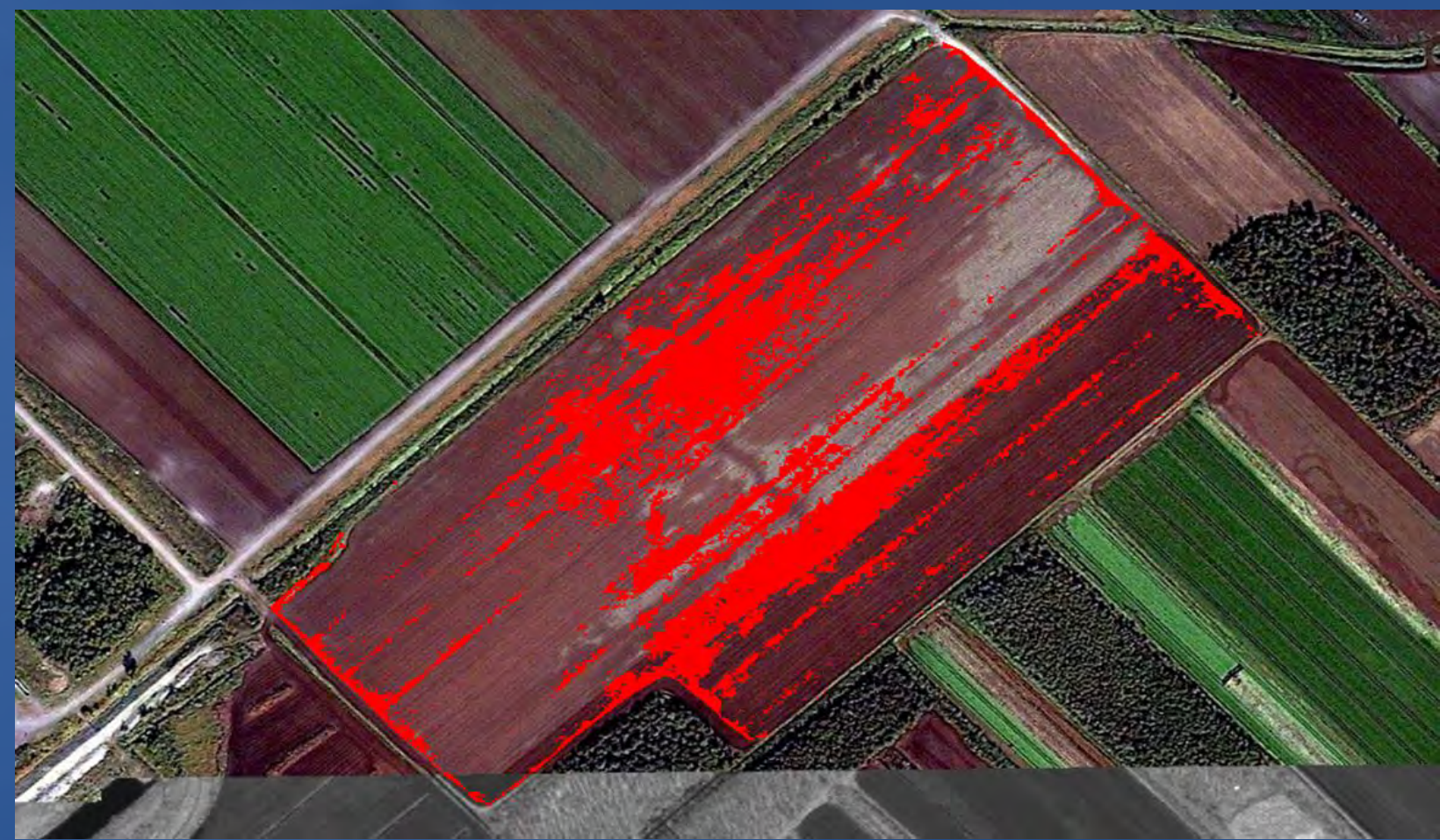
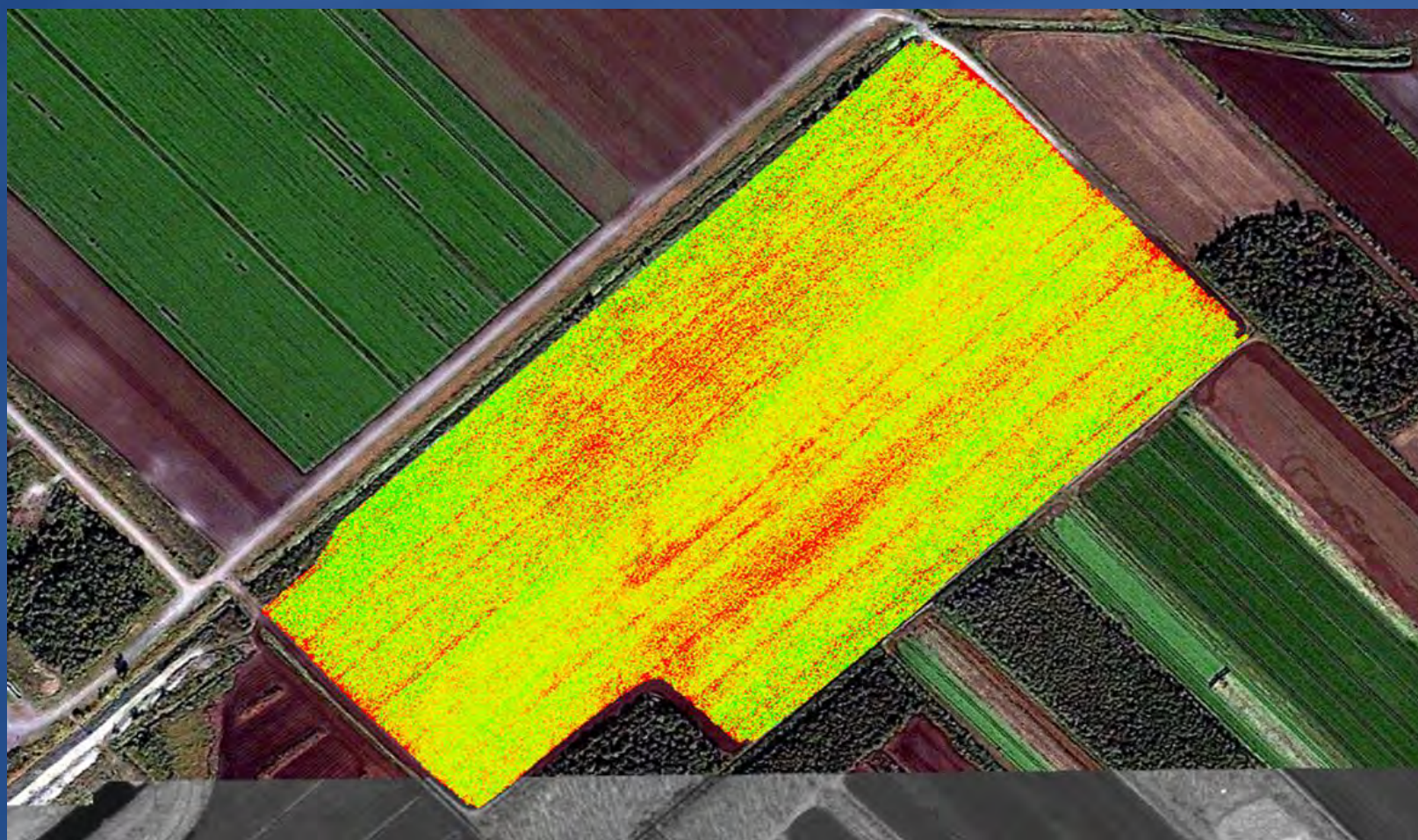
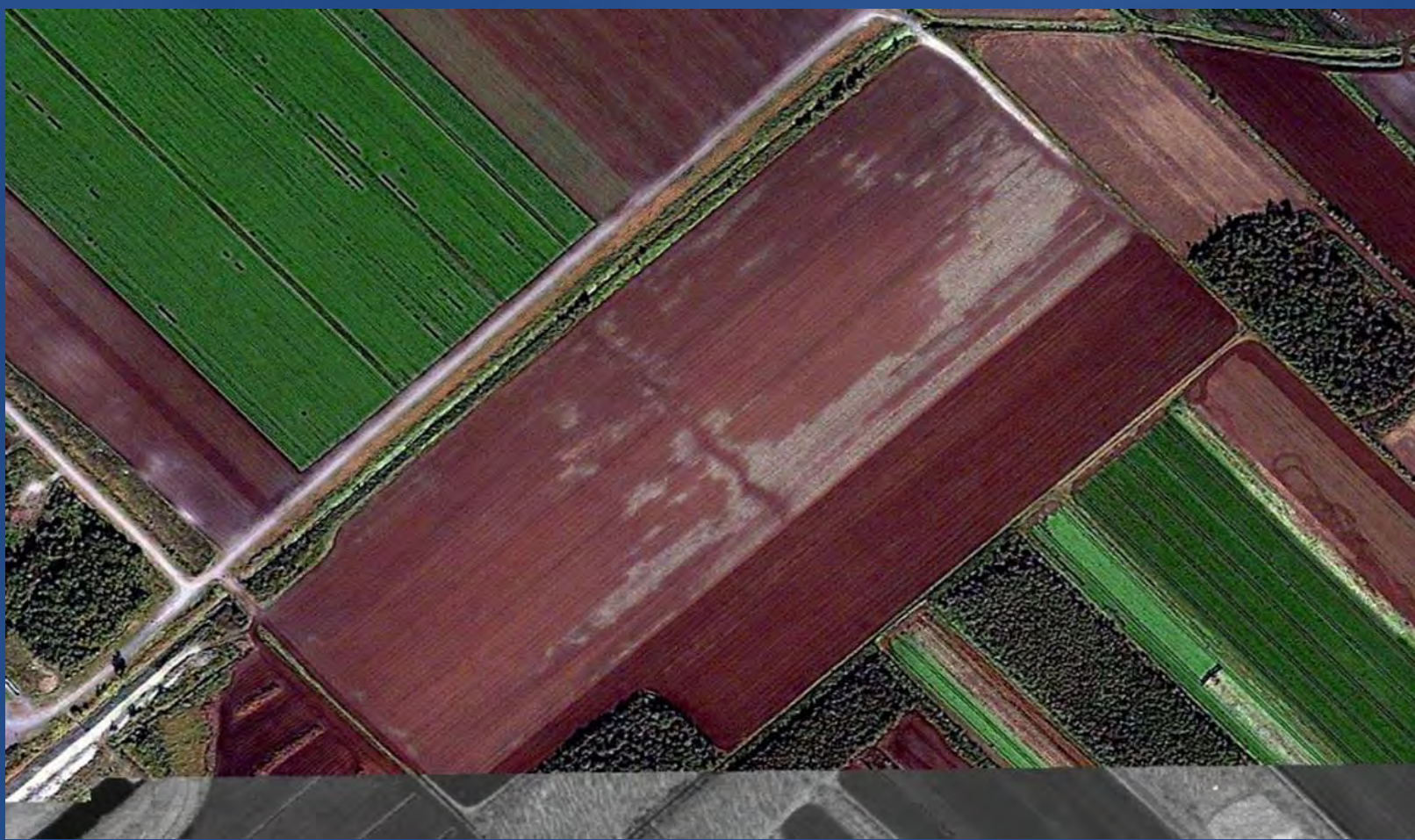
**Reinventing
Aviation**

RESPONDER

Flexible, Robust, Responsive



Mapping – Agriculture



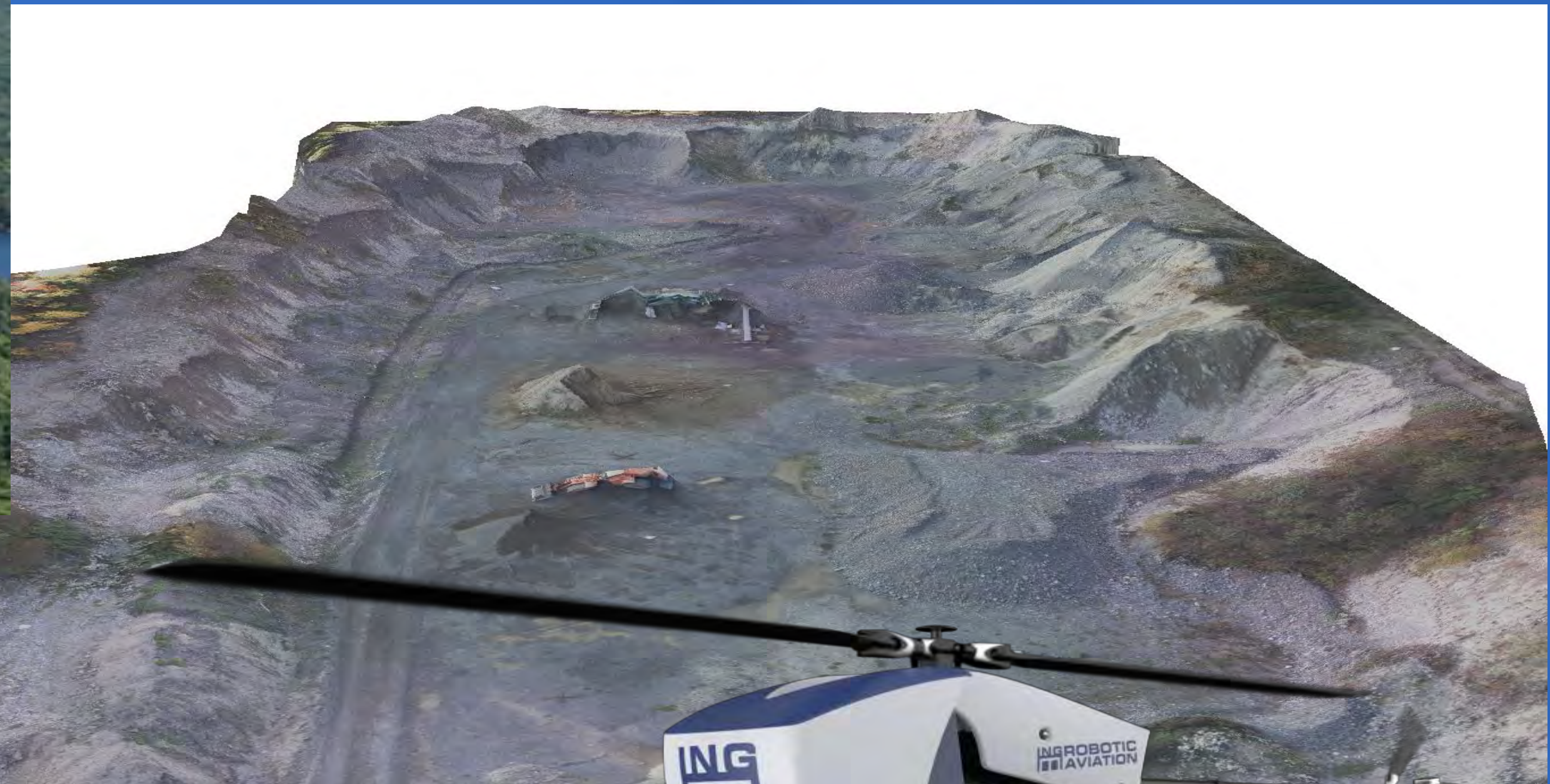
Power line inspection



Inspection – Flare stacks



Aerial Mapping (2D/3D)



RESPONDER

A Workhorse for Africa



APPLICATIONS FOR OIL & GAS



□ Off Shore Exploration



□ Fixed Asset/
Pipeline Monitoring



□ Critical Infrastructure
Inspections



□ Environmental
Monitoring

WHY USE ROBOTIC AIRCRAFT?

- REDUCE COST
- REDUCE RISK
- REDUCE FOOTPRINT

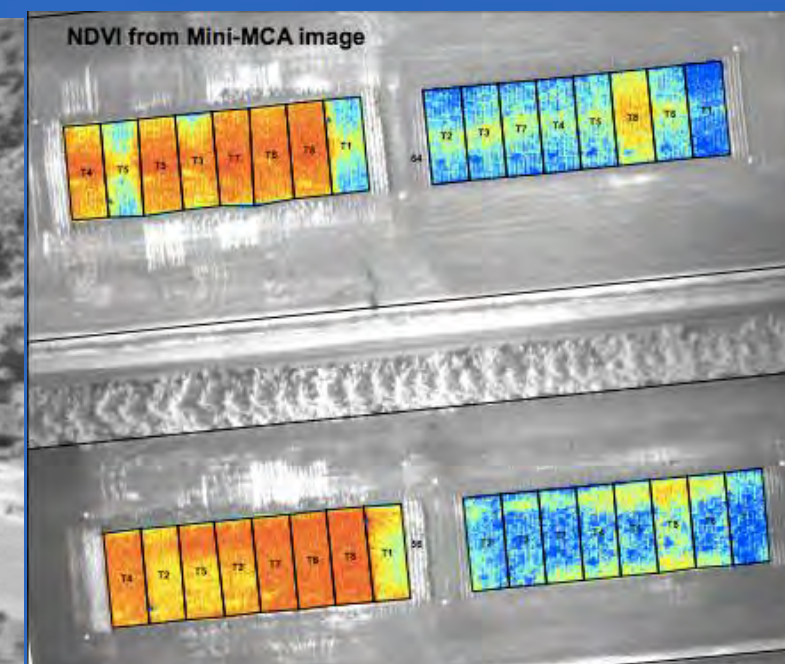
ELECTRO OPTICAL



INFRARED

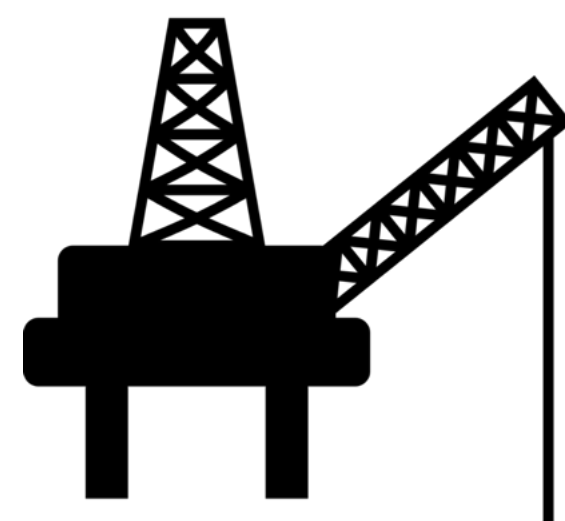


MULTISPECTRAL

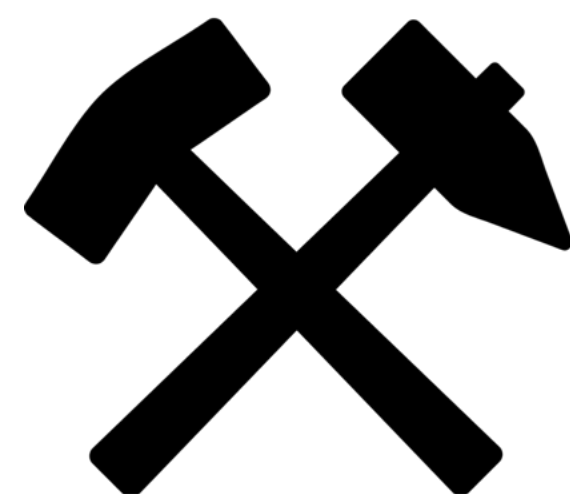


We provide the **Complete Solution** - as a **Service** or as a **Product**

Remote Sensing



Oil & Gas



Mining



Utilities



Forestry



Precision
Agriculture



Defence &
Public Safety

Product



Rotorcraft



Fixed Wing

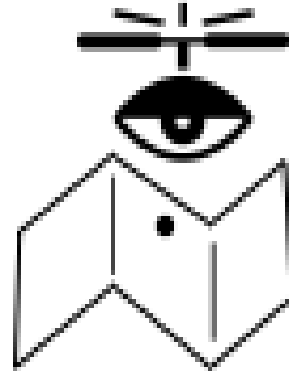
Remote Sensing



Mapping



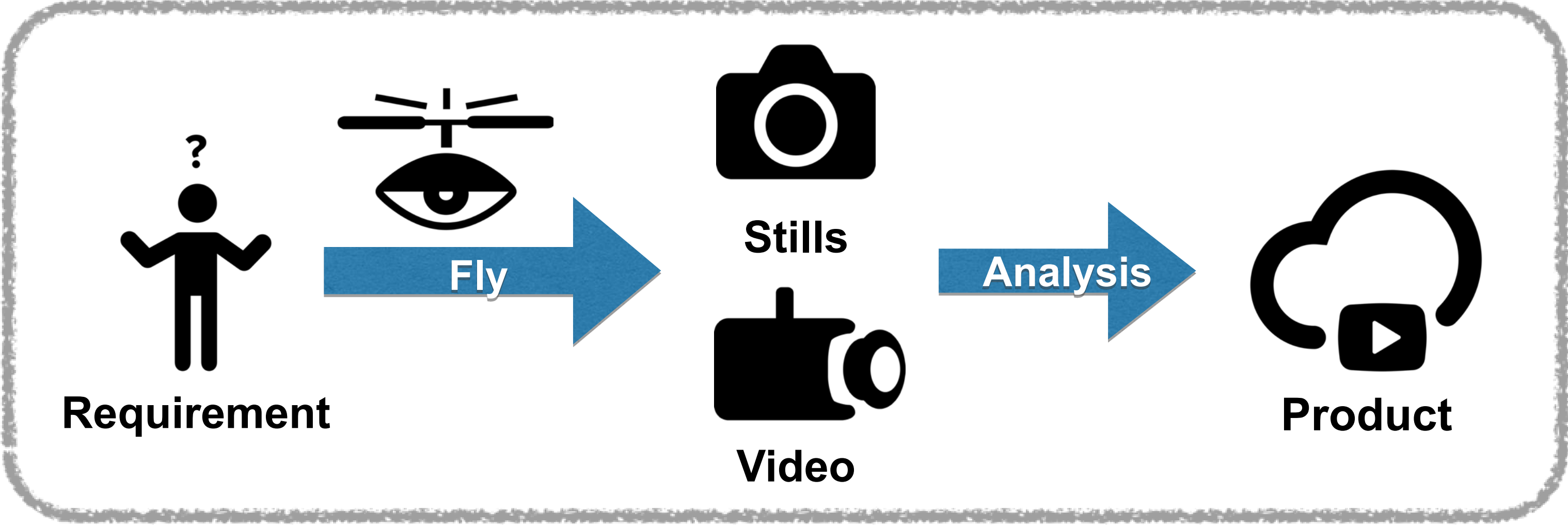
Inspections



Monitoring



Sensor Carrying Truck



We offer:

Product

Service

HOW DO WE DO IT?



CONCLUSION



**Robotic Aviation will become
an integral tool employed
across multiple Sectors in the
future...**



**And the Future is Now
Led by ING Robotic Aviation**