



GRYFN

**CONTROL THE DATA,
CONTROL THE FIELD**





WE ARE NOT A DRONE COMPANY

GRYFN offers advanced, multi-modal drone solutions for research and commercial applications.

It's not about the drone.

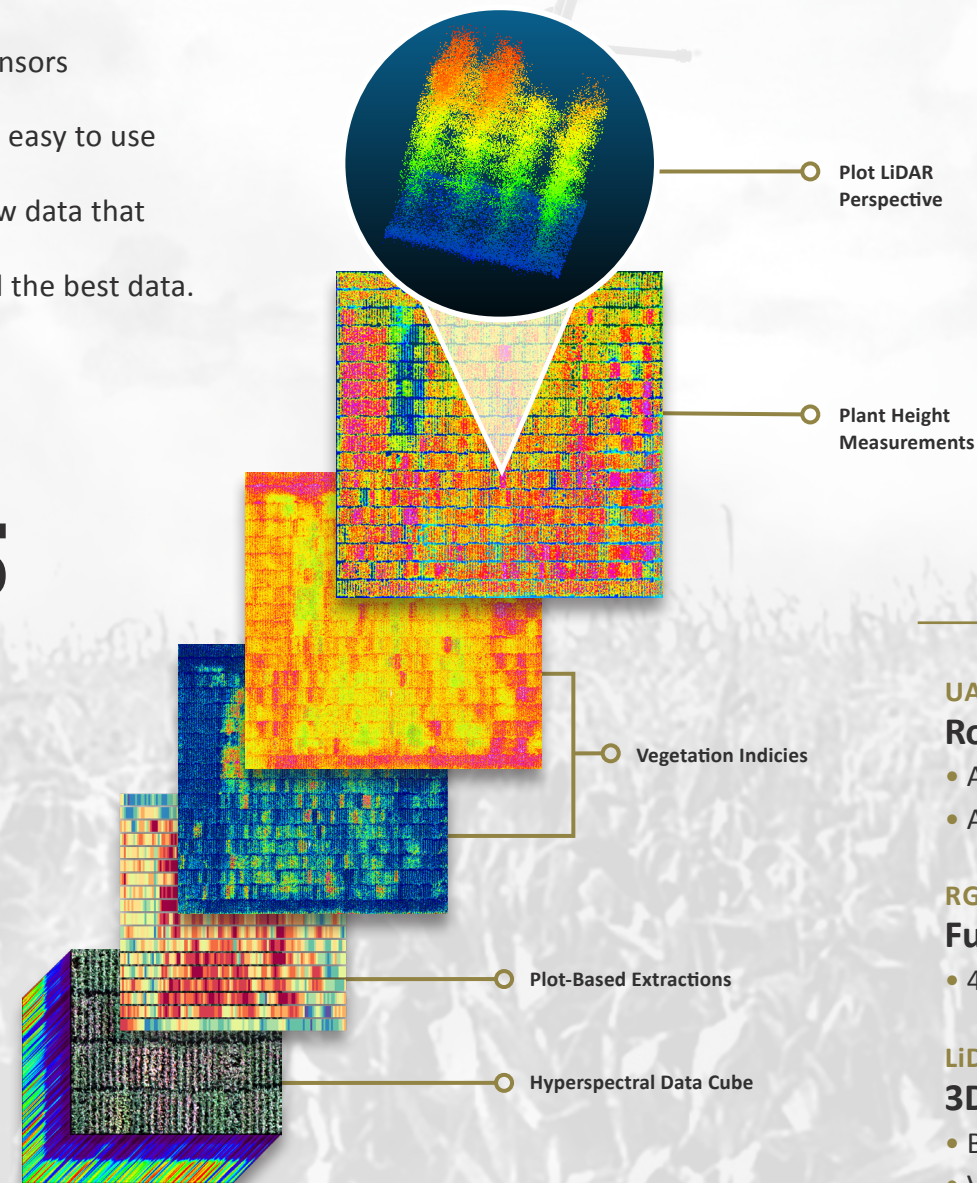
- It's about saving time by flying multiple research sensors simultaneously.
- It's about making operations of complex systems as easy to use as possible.
- It's about robust calibration and co-alignment of raw data that is precise and repeatable.
- It's about decisions, and the best decisions demand the best data.

EXPERT ANALYTICS

The GRYFN team is comprised of domain specific experts, data analysts and experienced pilots.

Data analytics can be provided directly to your research team or analyzed alongside our experts. With historical and industry-applicable backgrounds, GRYFN delivers insights to drive decisions based on more than imagery — instead, drive decisions based on data and analytics.

The GRYFN platform powers your analytics with advanced time series multi-modal data. Whatever your needs are, allow GRYFN to give you control over the field and drive actionable decision making.



GRYFN Multi-Modal Perspectives

IN-FIELD RESEARCH QUALITY DATA

GRYFN's advanced imaging technology, processing software and expert analytics delivers research quality data — despite field variables — to drive insights and inform decisions. These multi-sensor drones can be used for concurrent visual, hyperspectral and laser sensing in a wide variety of industries and applications.



UAV PLATFORM

Robust Commercial Hexacopter

- Automated flight missions = 20 min
- Alternate UAV integrations possible

RGB SPECIFICATIONS

Full-Frame Mirrorless Camera

- 42.4 MP

LIDAR SPECIFICATIONS

3D Laser Scanner

- Beam configurations: 16 or 32
- Vertical FoV = 360 degrees
- Horizontal FoV = various

VNIR HYPERSPECTRAL SPECIFICATIONS

Line-scanning VNIR Hyperspectral Camera

- Spectral Range = 400 to 1000nm
- Spectral bands = 270
- Spatial Pixels = 640

GNSS-INERTIAL SPECIFICATIONS

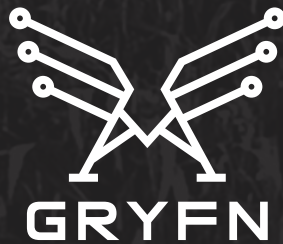
Post-processed GNSS-Inertial Solution

- Absolute accuracy: 2-5cm
- Direct georeferencing capability
- Decrease or eliminate reliance for ground control

GET GRFYN CONTROL

- MULTI-MODAL
- RESEARCH QUALITY DATA
- PRECISION & REPEATABILITY
- ACTIONABLE ANALYTIC INSIGHTS

Through advanced, coaligned imaging technology, GRFYN is giving data specialists control over field variables and driving actionable decisions. Get GRFYN control at WWW.GRFYN.IO.



"Manual phenotyping is slow and costly. To do all of this measurement by hand takes a lot of people, and you don't get a lot of data. Next-generation phenotyping technologies enable plant scientists and plant breeders to collect data automatically by remote sensing and process it using computational algorithms."

— GRFYN FOUNDER