



## Commercial Drone Solutions

# What We Do

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# Solutions for Business

# Drones & Sensors - Data Capture Solution

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- Up to 1,000 acres in a single flight
  - FAA approved
  - Easy to use – autonomous flight and auto-land capability
  - >50% gross margin
- Custom infrared sensors – wide market adoption
- Capture data for \$0.04 vs \$1/acre for light aircraft
- Flexible scheduling & higher resolution

	Satellite	Aircraft	Drone
Resolution (cm/pixel)	30	10	2
Schedule Time	Weeks	Days	Minutes
Data Acquisition (/acre)	\$2.00	\$1.00	\$0.04



# Drone Data Management System™

- **All-in-One drone data storage, sharing and analysis platform**

- Cloud based subscription model

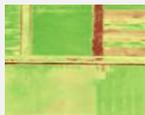
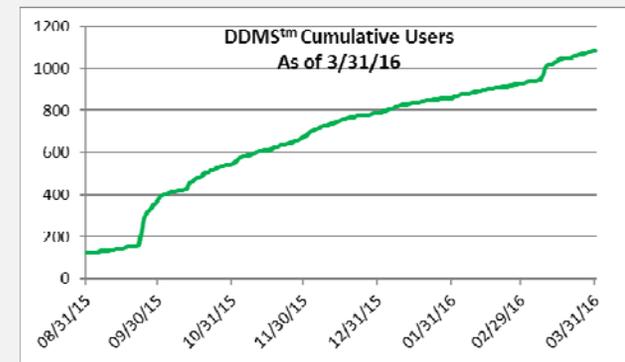
- **Open Architecture**

- Takes data from any drone, database & other sensors
- API's-out – send to popular ERP systems & business workflows

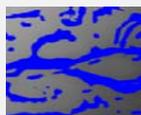
- **App store model for socialized app development and additional revenue**

- **Status**

- Registered more than 1,000 users in 70 countries since 4Q15
- Growing list of apps



NDVI  
DVI



Water  
Trough  
ID



Health  
Mgmt  
Zones



Elevation  
Contours



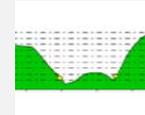
Emergence  
Uniformity



Leaf Area  
Index



Digital  
Surface  
Model



Crop  
Height



Google  
Earth  
Export

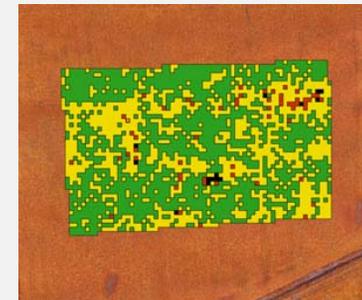
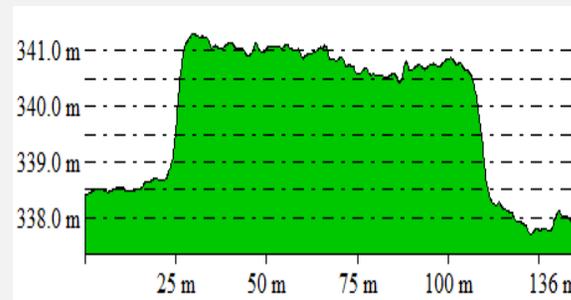
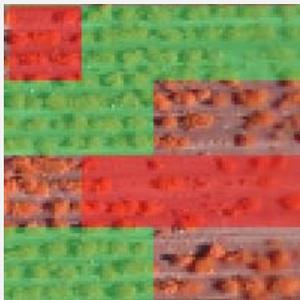


Ag Leader  
SMS  
Export

# Our Solutions

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- Our Imagery/Apps Allow Farmers to:
  - Discover hidden patterns, operational issues at large scale
  - Prove compliance with time & location tagged imagery
  - Show losses in event of wind, hail, water damage
  - Quantify location & density of weed growth
  - Estimate yield
  - VRA - Intelligently apply fertilizer and pesticides



# Solutions – Continued

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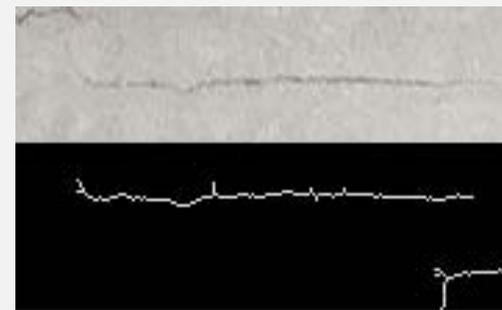
## Surveying

A customer surveyed a river valley in Uganda. Before using a drone, it would have taken 60 days. It took just 29 days.



## Measure Stockpiles

Customer Case Study showed a *60% reduction of man-hours* by using the E384 and DDMS™



## Feature Detection

Crack detection, classification and measurement is automated for reservoir and other infrastructure inspections.

## Mapping Archaeological Sites



## Accident Investigation



## Saving the Spider Monkey



## Golf Course Maintenance



# Company History

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- Founded in 2011, bootstrapped to-date
  - Low overhead production & sales
- Traction
  - Customers on six continents in 5 verticals
  - 35 resellers in 13 countries
  - 1,000+ DDMS™ Users
  - Consistent revenue growth
- Solid product line proven in the marketplace
  - Full solution in house – integrated data capture & analysis
- \$50-\$100M growth strategy identified



# Event 38, Unmanned Systems, Inc.

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Thank You!

John Blair

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