Constant monitoring in energy is a big problem

- Construction delays cost $500,000 per day

- Oil/gas operations have huge downtime costs
  - Pipe shutdown: $1.2M per hour
  - Pipeline explosion: > $2B per instance

We accelerate jobs and detect problems early
Turnkey mapping data via drone

• 200x faster
• 200x more frequent
• >1,000x more granular
• Self-piloting & Scalable
IP under the hood: software

7075 m³
UAV flights, captures data, uploads data to the cloud for analysis, and lands on dock station, all by itself.

Dock station swaps batteries, charges a carousel of 5 batteries, and lives on the jobsite, all by itself.
The current value chain doesn’t offer turnkey solutions

<table>
<thead>
<tr>
<th>Focus</th>
<th>Energy</th>
<th>Agriculture</th>
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<th>Consumer/construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>X</td>
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<td>X</td>
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<tr>
<td>Software</td>
<td>X</td>
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<tr>
<td>Auto “back office” operations</td>
<td>X</td>
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<tr>
<td>End to end solution</td>
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</tbody>
</table>

| Implementation Costs       | None. Self-Piloting, turnkey solution | $>250K hardware, pilot, training, insurance | $>250K hardware, pilot, training, insurance | $>200K pilot, training, insurance |
| Data Capture Freq.         | Hourly | Weekly      | Weekly      | Weekly                |
| Data Delivery Speed        | Seconds | Day         | Day         | Day                   |
Marcellus Shale ops won’t be affected by latest FAA regs

- Private job sites, way below 500 ft
- Emergency switch & “return to home” for visual observers
- Unobstructed, unaided line-of-sight yields 3-4 mile working radius
We work with bluechip clients

We work with the best partners
We charge a monthly lease for

- Recurring monthly fee of $6-20K per system
- Customers have no upfront capex
Management Team

Dick Zhang
CEO

Jeff Black
VP Biz Dev

Steven Blass
CTO

Goldman Sachs
SAP
CAT
Bristol-Myers Squibb
Wharton
U.S. Army
Carnegie Mellon
HP
Focus on Marcellus markets early on
Our platform scales to other industries with little
Our platform scales to other industries with little customization

Change detection & analytics – automatically track change, operate as a risk mitigation tool
24/7 monitoring (constant drone air-time)
Removable dock battery supply packs
Harsh weather-proof dock – snow and hail
Automatic weather sensing & safety
Gas and FLIR detectors

Solar-powered dock
Sensor-swapping dock
Real-time video data (from air)
Integrate multiple docks to operate together
Integrate multiple drones to operate together

Obstacle avoidance – sense and avoid
Fixed-wing drone and battery-swapping dock – cover much larger areas with high-altitude mapping

2015
$1.5B – Surface Mining Monitoring
$2B – Job site tracking and risk mitigation

2016
$17B - Security & Surveillance
$2.5B - Oil & Gas Pipeline inspection & maintenance
$1.7B – Agriculture Monitoring
Power Infrastructure Monitoring
Solar Farm Monitoring
Wind Farm Monitoring

2017
$4B – Military IED Detection and Situational Awareness
Infrastructure analytics and resource monitoring
$2B – below-ground mining
Product and Market Roadmaps enable growth of our core metric: **Number of Flights**
Product and Market Roadmaps enable growth of our core metric: **Number of Flights**

**New Sensors:**
- Gas Detection
- Thermal Imaging
- Multi spectral Imaging
Product and Market Roadmaps enable growth of our core metric: **Number of Flights**

**New Capabilities:**
- Change Detection
- Package Delivery
- Risk Mitigation
Product and Market Roadmaps enable growth of our core metric: **Number of Flights**

**New Markets:**