

POSITIONING AND MEASUREMENT, ELEVATED

MAY 2018

# XYHAT

SURVEYING  
UAVS  
3D  
SPATIAL DATA

# UAS

**Innovation +  
Growth =  
Opportunity**



## INSIDE

**14** OS for Enterprise Solutions

**21** BVLOS: The Next Frontier

**36** Tunnel Monitoring with Drones



# TIME IS MONEY. SAVE BOTH ON EVERY PROJECT.

Unmanned Aerial Vehicles, UAVs, are a worthy long-term investment for the construction industry, providing efficient data capture, in a manner that is often safer and more convenient than traditional methods.

Here are the top 4 ways a UAV can save your construction business money on your next project.



### UAVs make land surveying faster.

Rather than having crews out in the field for days, land surveying data collection can be done by a drone in mere hours — ultimately saving time and money.



### Reduce accidents and delays.

Though it is impossible to avoid every incident during a construction project, drones can access sites, heights and hard to reach places that might be dangerous by foot.



### Data can be processed and visualized quickly.

Video information about a site survey, progress report, inspection or safety check from the field can be shared with the office so your business can act faster than by traditional means and workflows.



### Monitor multiple projects remotely.

Grab data without having to deploy a full team to each site. Cut down on travel costs and maximize the valuable time of your personnel.



Point Cloud Visualization



Photogrammetry



Methane Detection

Microdrones offers a fully integrated system for your application.

To get in touch with the Microdrones expert nearest you, complete this form: <http://lp.microdrones.com/xyht/>

# WORK SMARTER WITH CANSEL AND MICRODRONES®

*"We took a careful look at some existing customers who were already working with Microdrones. All were impressed by how fast, accurate and reliable the systems are - so we decided to make Microdrones systems available to all of our customers."*

**MARTIN TRUELLE**  
Vice President of Geospatial Business  
Cansel



Cansel is proud to offer complete UAV mapping packages from Microdrones that include everything geospatial pros need for surveying, mapping, and inspection – and now – a fully integrated unmanned aerial LiDAR system – mdLiDAR1000.

With 23 locations, Cansel is well positioned to support its professional customer base throughout Canada with fully integrated mapping and inspection packages.

To get in touch with the Microdrones expert nearest you, complete this form: <http://lp.microdrones.com/xyht/>



## A TURNKEY LiDAR SOLUTION

mdLiDAR1000 is a fully integrated system, combining a drone, LiDAR payload, software, workflow, training and support. Produce 3D pointcloud applications with speed and efficiency, even when vegetation is obstructing the subject.