

Drone and Robotic Inspection Services



**A HIGHER LEVEL
OF RELIABILITY®**



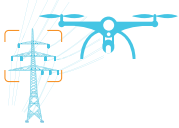
The sky is not the limit

We recognize that efficiency and safety are critical to our customers' operations. Our application of drone and robotic technology is reshaping how our customers perform surveillance, inspect assets, and gather data.

Using the most technologically advanced equipment, developed by our industry partners, we deliver insights proven to reduce our customers cost to operate.

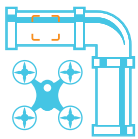


Embrace the new era of **Inspection and Surveillance** with Acuren



RECONNAISSANCE

Gain immediate insight, access and situational awareness of any challenging or remote area, real-time data to inform your decisions.



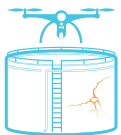
NON-INTRUSIVE INSPECTIONS

Conduct thorough inspections of assets without the downtime, keeping your operations running smoothly and safely.



CONFINED SPACE EXPLORATION

Navigate tight spaces with ease, obtaining critical information from areas that are risky or impossible for humans to access.



PRE-EMPTIVE DAMAGE ASSESSMENT

Evaluate the extent of damage with precision, avoiding the high costs and risks associated with traditional inspection methods. Our drones provide both internal and external inspection capabilities, ensuring no stone is left unturned.



MAINTENANCE PRIORITIZATION

Streamline your repair and maintenance schedules with Drone captured insights, ensure your resources are utilized where they're needed most. Embrace the new era of Inspection and Surveillance with Acuren.



Industries That Utilize Drone Inspection Services

Acuren now utilizes drones for industrial inspection across various sectors

These versatile tools are revolutionizing tasks such as

- Monitoring miles of utility assets
- At height in service inspections of piping and structures
- Internal inspections of vessels, structural assessments, and infrastructure inspections

Drone technology excels at accessing high-risk areas or confined spaces, like post-hurricane disaster zones or subterranean mining caverns, delivering critical data swiftly and safely.

Industries Benefiting from Drone Inspection Services



TRANSMISSION LINES & UTILITIES
Overseeing miles of infrastructure efficiently.



MINING
Mapping and exploring structures safely with precision.



OIL & GAS
Non-intrusive inspection of assets, effective maintenance planning.



TANKS
Volume assessments, berm surveys, external visual and internal roof inspection.



PULP & PAPER
Monitoring vast areas of resources and machinery.



RAIL AND TRAFFIC INFRASTRUCTURE
Ensuring bridge track and infrastructure integrity.



BUILDING & INFRASTRUCTURE
Inspecting and maintaining structures with minimal disruption.

Adopting drone technology is not just about staying current; it's about leading the way in operational efficiency, safety, and strategic data utilization. More and more industries are recognizing and adapting this technology into daily maintenance decision making. Drones have become essential tools in the modern industrial era driving innovation and shaping the future of inspection and maintenance.



Acuren's Drone Inspection Expertise

We are focused on utilizing data collected by our drones to give valuable insights regarding maintenance execution and asset reliability. Our pilots and dedicated crew members skills are showcased at the work front. Behind the scenes, they are supported by industry-leading subject matter experts in engineering, asset reliability, and inspection.

OUR PILOTS AND CREW MEMBERS

We are proud to operate with the industry's most proficient and rigorously trained pilots, each holding the essential government and aviation licenses required to navigate our drones with safety and precision. Our team brings a wealth of knowledge from esteemed backgrounds such as the Department of Defense, Civilian commercial aviation, positions as UAV instructors, licensed engineers, and seasoned Inspectors.

- **Beyond Compliance:** We aim to exceed regulatory standards and have developed standard operating practices to ensure our operators safely provide high quality results.
- **Certified Trust:** Our pilots are approved for Advanced Operations and Part 107 certified, reflecting the trust and standards set by aviation authorities like Transport Canada and the FAA.
- **Consistent Quality Across Borders:** In Canada or the US, our procedures, checklists, and crew qualifications remain consistently high, meeting and exceeding regulatory requirements.

OUR TECHNOLOGY

Acuren is a drone services company and we are partnered with industry-leading technology and software developers, along with global leaders in robotics manufacturing, to provide you with the most advanced drone platforms. Our drones come equipped with an array of payloads, each tailored to enhance our industrial and confined space inspection capabilities:



- **High-Resolution Cameras:** Capture detailed images for thorough visual inspections, detailed structural analysis, and precise imagery. This enables accurate identification of an asset's condition and supports informed decision-making.
- **UT (Ultrasonic Testing) Payloads:** Utilizing sound waves, ultrasonic testing will accurately measure the thickness of materials, preventing unforeseen failures.
- **Infrared Thermography Sensors:** Detect heat variations indicative of potential faults or energy inefficiencies. Early identification of issues like insulation leaks or electrical faults enhance the operating efficiency of assets.
- **LiDAR Sensors:** Provide high-precision measurements, detailed 3D representations of structures, and create accurate models for planning, analysis, and maintenance forecasting.
- **Sophisticated Software for 3D Point Cloud Models:** Transform data into interactive 3D models, which provides a comprehensive view of the inspected area, facilitates precise location and diagnosis of various issues, and enhances understanding and planning.

By aligning these payloads with your objectives, we can tailor an inspection, engineering, or data-gathering plan to your specific needs.

Our commitment to innovation is relentless – we are constantly refining our approaches to ensure your operations exceed today's standards. Reduce downtime, mitigate risks, and make informed decisions faster and more accurately than before.

BEYOND INSPECTION



The future of
efficient, safe,
and intelligent
inspections is
flown by Acuren



VIEW OUR BROCHURES



CONTACT OUR DRONE EXPERTS TODAY

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