

A Smarter Solution for NDE Inspections

Drone Deployable Non Destructive Examination (NDE)

Traditional NDE inspections are often expensive, time-consuming, and come with inherent safety concerns. For the most difficult to access areas, significant facility preparations are required, including scaffold builds, use of personnel lifts, surface preparation and coating reapplication, and added system out-of-service time. Even when they run smoothly, traditional NDE inspections are costly and resource intensive.

Clearsight's Drone Deployable NDE is the right solution for facilities ready to increase the overall safety of their inspection programs, improve production time and resource efficiencies, and reduce overall inspection costs.

The Latest in Innovation

The Clearsight NDE Drone is the latest in inspection robotics. This industry-leading drone reaches new heights with its effortless 360-degree flying ability; maintaining any angle and inspecting components in any direction.

Even more groundbreaking, the drone performs thickness measurement using Ultrasonic Testing (UT), Electro Magnetic Acoustic Transducer (EMAT) and Dry-Film Thickness (DFT) in accordance with most industry NDE standard methods. The combination of our industry-leading inspection experts and proven, cutting-edge NDE technologies means safer, faster, and cost-effective inspections.



Clearsight's Drone: effortless 360-degree flying. It can maintain any angle and inspect in any direction.



Constellation®

Clearsight

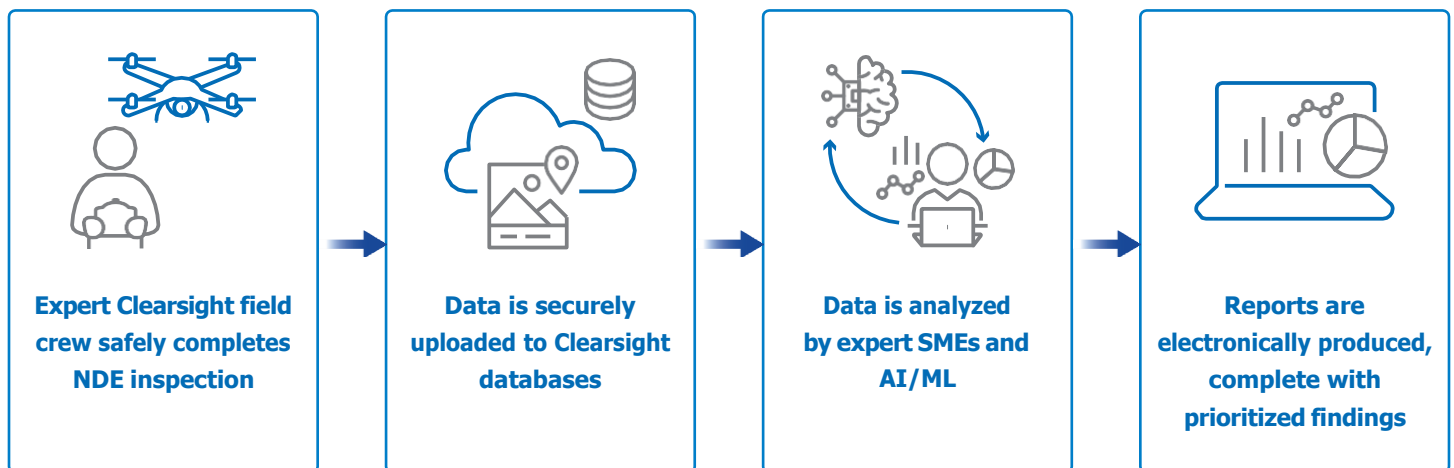
Solution Benefits

- Access previously difficult-to-reach inspection areas quickly and easily without the need to build costly scaffolds
- Perform inspections using NDE standards to measure UT, EMAT, and DFT with the state-of-the-art ClearSight NDE Drone
- By reducing personnel "working at heights," our solution reduces safety hazards inherent to traditional access methods
- Reduce overall time, resource, and outage/O&M costs by eliminating the need for surface preparation
- Minimize the impact of expensive system outages



ClearSight's NDE solution brings innovations and discoveries to new heights. **A:** high-tech sensors capture critical information safely. **B:** 360-degree flying; inspections at any angle. **C:** integrated technologies help bring efficiency to every flight.

The ClearSight Process



The Difference Is Clear

Contact ClearSight and our NDE industry experts will work with you to identify the best solution to meet your needs.



constellationclearsight.com

