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UAV Inspection | Infrastructures

UAVs can inspect a variety of critical infrastructure, including flares, power lines, bridges, jetties, dams, pipelines, and communication towers.

Applus+ drone inspection technologies allow for comprehensive and secure inspections of critical infrastructure. Our services provide a reliable, efficient, and cost-effective solution for inspecting assets that are difficult to access or pose safety risks.

THE Applus+ SOLUTION

Traditional methods of inspecting critical infrastructure often involve significant time, labor, and safety risks. By contrast, Drone inspections of power lines, pipelines, cell towers, and bridges are generally more cost-effective as they reduce manual labor and can cover large areas quickly, lowering overall operational costs.

Our UAV inspection services revolutionize UAV infrastructure inspection by utilizing advanced drone technology equipped with high-resolution cameras and advanced sensors. These UAVs can navigate challenging environments to capture detailed data, which is then analyzed to assess the condition of the asset.

From bridges and dams to communication towers, our drone inspection services offer a versatile solution for various types of critical infrastructure.

The data collected is both accurate and actionable, providing invaluable insights for maintenance, repair, and future planning.

Target customers

Our UAV inspection services are particularly beneficial for governmental agencies, utility companies, and hazardous facility owners responsible for the upkeep of critical infrastructure. Whether you are overseeing transportation networks, energy grids, or water supply systems, our UAV technology offers a tailored solution.

Key customer benefits

Opting for our UAV technologies for inspections of power lines, bridges, pipelines, or any other critical infrastructure inspection offers several key benefits:

- It significantly enhances safety by minimizing the need for manual inspections and human presence in hazardous or hard-to-reach areas.
- It reduces downtime and operational costs by enabling quicker and more efficient inspections.
- The high-quality data collected allows for better decision-making, helping to extend the lifespan of your assets and optimize maintenance schedules.