



# Bright Technology Solution SPC



## Innovative Technology for Various Industries especially Oil & Gas Inspections.

Bright is a leading provider of advanced technology solutions, with a strong focus on IT & OT-cybersecurity Consultancy, artificial intelligence, cloud security, and IT services. We are dedicated to offering innovative and tailored technology services to businesses across various industries, including the Oil & Gas sector. Our mission is to deliver secure, efficient, and cutting-edge solutions that empower organizations to thrive in the digital era.



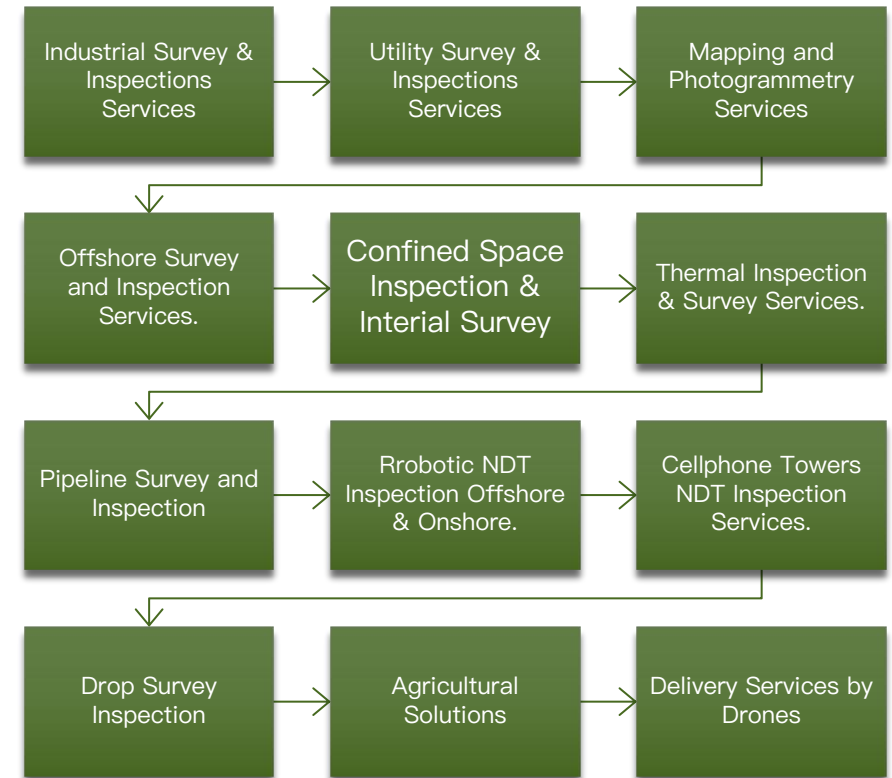
# Innovative Technology Inspection Services that Bright Provides.



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At Bright Technology Solutions SPC, we are committed to revolutionizing inspection processes in the Oil & Gas industry, enabling our clients to operate safer, smarter, and more sustainably.



# About Us.

At **Bright Technology Solutions SPC**, we specialize in delivering cutting-edge drone-based inspection services designed to meet the complex demands of the Oil & Gas sector. Our solutions are tailored to enhance safety, efficiency, and precision across a wide range of operations.

## Why Choose Us?

- **Safety-Driven Solutions:** Our drone services minimize human risk in hazardous environments.
- **Cost Efficiency:** Reduce downtime and inspection costs with fast, accurate, and automated solutions.
- **Precision and Innovation:** We utilize the latest technologies to provide actionable insights and detailed reporting.
- **Industry Expertise:** Backed by years of experience in Oil & Gas technology, we understand the sector's unique challenges and needs.

# Bright Core Services.

## 1. NDT & UT Inspections:

Leveraging advanced drones equipped with Non-Destructive Testing (NDT) and Ultrasonic Testing (UT) capabilities, we provide accurate assessments of critical infrastructure without disrupting operations.

## 2. Drop Survey Inspections:

High-resolution drones enable detailed inspections of inaccessible areas, ensuring safety and compliance while reducing downtime.

## 3. Pipeline Thermal Imaging & Survey:

Our thermal imaging solutions detect leaks, hotspots, and structural anomalies in pipelines, allowing for proactive maintenance and improved asset reliability.





# Bright Core Services.

## 4. Visual Inspections in Tanks & Confined Spaces:

Equipped with state-of-the-art visual and sensor technologies, our drones perform comprehensive inspections of tanks, confined spaces, and other challenging environments, eliminating the need for manual entry and minimizing risk.

## 5. Comprehensive Drone Services:

- Structural inspections of rigs, refineries, and offshore platforms
- Corrosion monitoring and analysis
- Environmental monitoring and gas detection
- Flare stack inspections and monitoring
- Aerial mapping and 3D modeling for asset planning
- Cinematography & Documentary Recording Solutions
- Agricultural Surveying, plant Seeding, Spraying and Spreading.
- First AID and Emergence's delivering solutions.

# OUR FLEET OF DRONES & ROBOTICS.



## Flyability Elios-3.

### DESCRIPTION:

Drone-based inspection is not a technology of the future, it is a necessity for today's digital fast-paced world. With the 4th industrial revolution in motion, organizations are looking to deliver digital transformation of their industrial processes, while cutting costs and bettering workers' environments.

**Elios 3 helps industrials effortlessly achieve these goals by bringing their inspections and mappings to the next level.**

### Drone Capabilities:

- ❖ Fly Aware SLAM Engine.
- ❖ SLAM-Based Stabilization.
- ❖ 3D Live Map & 3D Reporting.
- ❖ Modular Payload Bay.
- ❖ Return-to-Signal.
- ❖ Collision-Resilient Rugged Design.
- ❖ Close-Up Inspection Dedicated Payload.
- ❖ Extended Air-Time.

### Services can be provided by this Drone:

- ❖ UT Inspection & Location Tagged UT-Measurement.
- ❖ RAD Surveying & Inspection.
- ❖ Surveying and Mapping
- ❖ Gas Sensing and Detection.



## ELLIOS-3 UT INSPECTION PAYLOAD.



### DESCRIPTION:

Drone-based inspection is not a technology of the future, it is a necessity for today's digital fast-paced world. With the 4th industrial revolution in motion, organizations are looking to deliver digital transformation of their industrial processes, while cutting costs and bettering workers' environments.

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### Services Can be provided by this Drone:

- ❖ UT Inspection & Location Tagged UT-Measurement.
- ❖ RAD Surveying & Inspection.
- ❖ Surveying and Mapping
- ❖ Gas Sensing and Detection.

# ULTRASONIC THICKNESS INSPECTION DRONES.



## SKY-GAUGE:

- ❖ This Drone is Design to perform Ultrasonic Thickness Testing Inspection.

## DESCRIPTION:

The Skygauge does away with all that. Your inspection team remains safe on the ground, sending up a drone to complete the inspection in hours instead of days. There is no need for manlifts, scaffolding, or rope access.

The Skygauge flies by tilting the rotors to move while the center body remains stable. The probe uses a force sensor to mimic the precision of the human hand to get accurate readings.

## ADVANTAGES OF USING SKYGAUGE:

- ❖ Minimize Risk working in Confined Spaces.
- ❖ Complete inspections with 360 range.
- ❖ Mimicking the precision of the human hand.
- ❖ Assets remains in Operation.



# DJI Matrice-350 RTK.

## DESCRIPTION:

An upgraded flagship drone platform, the Matrice 350 RTK sets a new benchmark for the industry. This next-generation drone platform features an all-new video transmission system and control experience, a more efficient battery system, and more comprehensive safety features, as well as robust payload and expansion capabilities. It is fully powered to inject innovative strength into any aerial operation.

## Drone Capabilities:

- ❖ Multi-Payload Support.
- ❖ Night-Vision FPV Camera.
- ❖ 6-Directional Sensing & Positioning.
- ❖ 400 Battery Cycle & 55-Minutes Flight Time.
- ❖ DJI RC Plus & IP55 Rating.
- ❖ DJI O3 Enterprise Transmission.
- ❖ Built Ready for Harsh Environment.
- ❖ Multi-charging Intelligent Management.

## Types of Services can be provided:

- ❖ Power Line Inspection & Survey.
- ❖ Substation Inspection.
- ❖ Pipeline Inspection & Survey.
- ❖ Oil & Gas Station/ Facility Inspection & Survey.
- ❖ Wind Turbines Inspection & Survey.
- ❖ Photovoltaic Power Plant.
- ❖ Bridge and Telecom towers Inspections.
- ❖ Land Survey Inspection.
- ❖ Cadastral Survey.
- ❖ Urban Planning & Survey.
- ❖ Progress Management & Earthwork.
- ❖ Mining Survey & Asset Inspection.
- ❖ Precision Agriculture & Forestry.



# DJI MAVIC-3 ENTERPRISE.

## DESCRIPTION:

The DJI Mavic 3 Series features next-level imaging performance. Mavic 3 Pro's triple-camera system ushers in a new era of camera drones by housing three sensors and lenses with different focal lengths. Equipped with a Hasselblad camera and dual tele cameras, Mavic 3 Pro is a triple-camera drone that unlocks new shooting perspectives, allowing you to embrace creative freedom further, capture fascinating scenery, explore photographic storytelling, and make cinematic masterpieces.

## Drone Capabilities:

- ❖ 4/3 CMOS Hasselblad Camera.
- ❖ Dual Tele Cameras.
- ❖ Tri-Camera Apple ProRes Support
- ❖ 43-Minutes Max Flight Time.
- ❖ Omnidirectional Obstacle Sensing.
- ❖ 15KM HD Video Transmission.

## Services this Drone can Provide:

- ❖ Capable of detecting Crop Health and Growth information Sync in a real time and save to cloud.
- ❖ Capable in Land Surveying I identify Field Boundary, Field Size and Elevation.
- ❖ Capable of Crop Scouting Task, Crop counting Tasks , as well as identifying the following:
  - ❖ Germination Failure
  - ❖ Weed Pressure
  - ❖ Crop Lodging.
  - ❖ Mapping and Multispectral Images.



# DJI DOCK-3.

## DESCRIPTION: (High-Performance Drones):

The all-new water and dust-resistant DJI Matrice 4D and 4TD are specifically designed for DJI Dock 3, offering extended flight time, and can pair with DJI RC Plus 2 Enterprise for standalone use. Both drones are equipped with a wide-angle camera, a medium tele camera, a tele camera and a Laser Range Finder. Matrice 4D is highly effective for professional high-precision mapping and detailed surface inspections. Matrice 4TD is equipped with an infrared thermal camera and a new NIR auxiliary light, making it suitable for a wide range of applications such as infrastructure inspections, emergency response, and public safety.



## TYPES OF SERVICES CAN PROVIDE:

- ❖ Public Safety Surveying
- ❖ Power line Inspection Survey
- ❖ Geographic Information
- ❖ Oil & Natural Gas Surveying
- ❖ Renewable Energy Surveying
- ❖ Roads & Bridge Surveying
- ❖ Maritime Surveying.

## WHAT COMES WITH THE DRONE:

- ❖ Flexible Deployment, Ultra-Long Transmission.
- ❖ Secure and Compliant, Open Ecosystem.
- ❖ Built to master all kind of environment.
- ❖ Full Efficient Intelligent features.

# DJI INSPIRE-3

## DESCRIPTION:

Inspire 3 is a professional camera drone that adopts a fluid new design that takes aerodynamics fully into consideration to reduce air resistance. Powerful maneuverability delivers responsive, accurate control and an extended flight time of up to 28 minutes. When the landing gear is lowered, the gimbal supports obstruction-free 80° upward-angle shooting, enabling cinematographers to capture strikingly innovative shots.



## What Comes with this Drone:

- ❖ Built in RTK Airframe. & D-RTK 2 Mobile Station.
- ❖ GPS Capability, & Omnidirectional Sensing System.
- ❖ BeiDou Capability.
- ❖ Galileo Capabilities as well.
- ❖ Dual-Antenna Orientation.
- ❖ Build for Aerial Cinematography,
- ❖ Live Feed Quality 1080p/60fps.
- ❖ Full-Frame 8K Imaging System.
- ❖ Built in 3D Dolly.



## Services that can be provided:

- It is Build For Cinematography (Recording Movies)
- Documentary Videos Production.



# DJI AGRAS T50.

(for Agricultural Farms Surveying, Spraying and Spreading.)



## DESCRIPTION:

DJI AGRAS T50's Dual Atomizing Spraying System provides an ultra-large flow rate of up to 16 L/min (2-sprinkler spraying). It produces uniform and fine spray droplets, and does not leak. DJI AGRAS T50 can be equipped with an additional pair of centrifugal sprinklers, increasing flow rate to 24 L/min (4-sprinkler spraying) for operations that require high application volume. When flying manually, use Reverse Directional Spray with four sprinklers to simplify operations without having to make turns.

# DJI-FLAYCART -30.

(Designed for Delivery in a smart way.)



## Drone Capabilities:

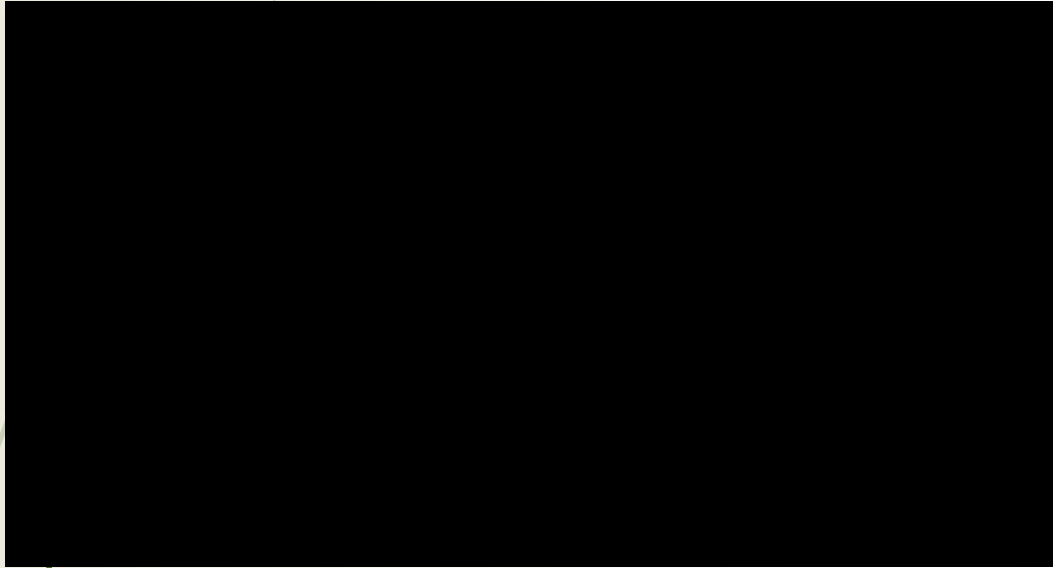
- ❖ Heavy Payloads up to 30kg, and Long Distances Delivery.
- ❖ Delivers up to 6,000 m Max Flight Altitude.
- ❖ Strong Signal, Advanced Safety and Intelligence.
- ❖ Convenient Configurations.
- ❖ Fully-Automatic Operations.
- ❖ One-Stop Air Delivery Management Platform.



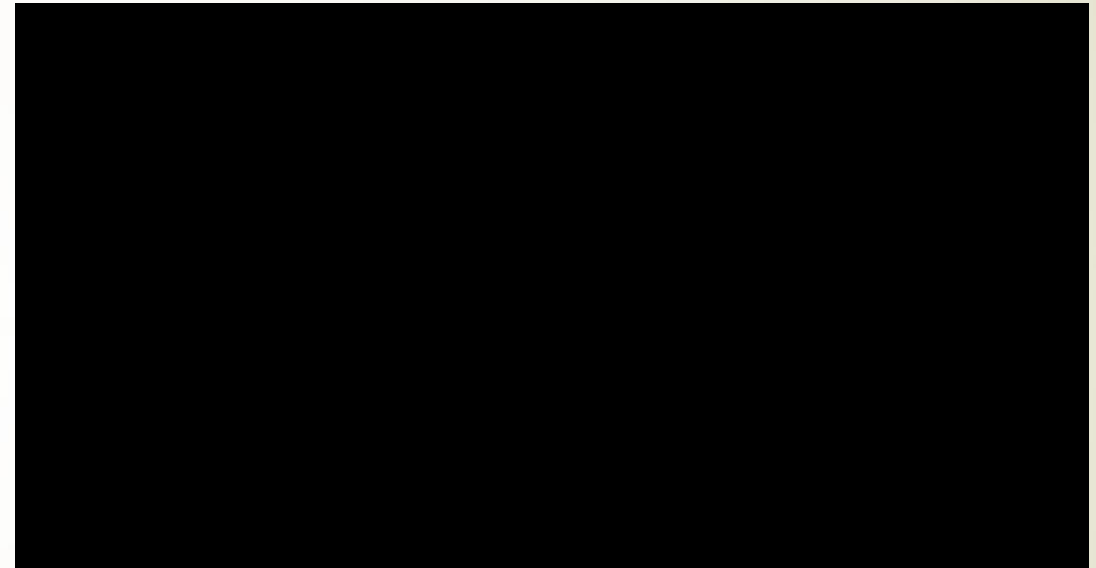
## DESCRIPTION:

DJI FlyCart 30 is here to deliver the goods. A long-distance heavy lifter with powerful signal and intelligence, DJI FlyCart 30 supports Cargo mode and Winch mode and ascends beyond traditional logistical limits to deliver a safe, economical, and efficient air transport solution.

# Sample Videos To Demonstrate The Services We Will Be Providing.



Drones performing Ultrasonic Thickness Inspections in various unique ways.



Visual Inspection in Confined Spaces, Tanks, Drope Survey inspections, and at the place difficult to reach

## Sample Videos To Demonstrate The Services Bright Technology will be providing.



Optical gas imaging/ Exceptional gas leak footage from the Ventus OGI camera and a DJI Matrice drone.mp4



Survey & Mapping Using DJI Matrise 30,





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THANK YOU!