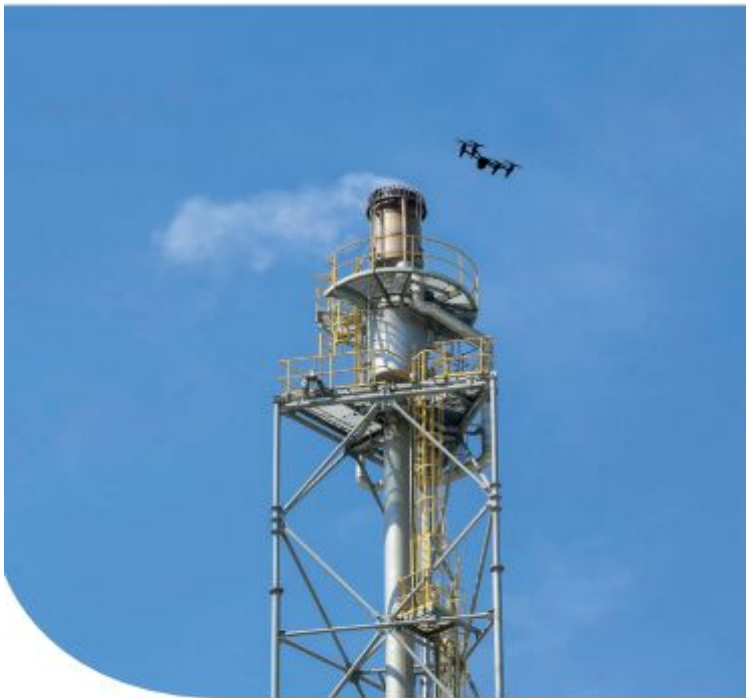# LET YOUR BUSINESS TAKE OFF WITH THE POWER OF DRONES

Utilize the Power of Data and Drones

For more information
sales@dronitech.com
Rohit - 9820096850

DroniTech
E Wing 18th Floor, Lotus Corporate Park,
Goregaon East, Mumbai - 400063

CIVILIAN DRONES AND POTENTIAL GROWTH IN INDIA

The immense potential of drones has led to their increasing adoption in India, too. Though both the industry and the market in India are at a very nascent stage at the moment, there is immense growth potential for both. A major thrust will be given by the willingness of the present Indian government to use drones for a variety of purposes, including crop mapping and surveillance of infrastructure projects, pushing the projected value of the domestic industry to approximately **US$421 million by 2021**. According to 6Wresearch, the Indian Unmanned Aircraft Vehicle market is projected to grow at a **CAGR of 18% during 2017-23**.

APPLICATION OF DRONES

Power and Utility	Real time information overlaid on an AR headset when scanning gas pipes through drones	Remotely inspecting a tower from the top using drones and a VR headset	Automatically detecting corrosion on equipment on towers using a drone feed	Creating 3d models of the site from the data collected by drones before construction begins to optimize layouts	Transferring information from drone to a handheld device through IoT
Agriculture	Enhanced video output augmented with information about crop health overlaid on a drone feed	Videos and images captured through drones can be used for training farmers	Automatically identifying insects and crop NDVI using AI from a drone feed	Planning for contour trenches and estimating the scope of work through a 3d model created from drone feed	Collecting information from sensors and communicating with drone remote operating center
Highways	Information for engineers on site highlighting areas identified for maintenance through drones	Remote virtual tour of bridge construction site for higher management through drone feed	Automatically monitoring the progress by calculating the length of the road created through a drone video	Drone feeding information to create 3d models to estimate the scope of work while building a tunnel	Real time visibility to remote engineers who can assess road conditions through a drone feed
Mining	Using 3d modelling and AR, engineers can run simulations for blasts to view through AR headsets to identify risks	3d models created with the help of drone feeds can be consumed by engineers to access and monitor sections of the mine	Using drones and artificial intelligence we can detect if workers on ground are complying with regulations like wearing hard hats etc.	Using 3d models created through drones for blast planning in a mine	Drones can act as first responders to an accident site and transmit real time information to rescue agencies
Railways	Site engineers can use AR headsets to consume information captured by drones like broken bolts etc.	General managers in railways can remotely visit a site through virtual reality and inspect the site from the information captured by drones	Images and videos captured from a drone can be passed into a algorithm to count the number of sleepers laid on track	3d models prepared through drone feeds can help engineers determine the volume of a hill required to be cut to construct a railway line	Drones can transmit information through the internet in case of an accident and can help rescue teams plan the best discourse

WHY WORK WITH DRONITECH?

We answer these key questions for you

How can drones add value to your business?
Drones provides your business with the important data it needs to optimise operations, take less risk and do smart productive work.

How can drones bring in profitability?
Drones come with a suite of applications as per your industry thereby taking you leaps ahead in getting critical information about your business.

How are drones benefiting your competitors?
We analyse your industry and your competitors and plan an optimal strategy for your business keeping in mind your competition.

For more information
sales@dronitech.com
Rohit - 9820096850

DroniTech
E Wing 18th Floor, Lotus Corporate Park,
Goregaon East, Mumbai - 400063

DRONI TECH

DRONE SERVICES WE OFFER

- Land Survey and GIS (Orthophoto, Elevation and 3D Modelling)
- Agriculture monitoring and Spraying (Multispectral Imaging)
- Industrial Inspections (Using Thermal and Zoom Cameras)
- Construction Planning
- Aerial Filming
- Emergency response and disaster management
- Fire safety
- Mining (Volume calculations)
- Security and surveillance

Current ongoing projects

Indian Railways: Land boundary digitization of railway level crossings by creating 2D maps, Digital Surface Models, Point Cloud and 3D Models.

Tata Power: Inspection of power generation facility. Using thermal cameras on drones to inspect structures, pipe lines and electrical power lines

Below mentioned are a few clients to whom we have offered our drone services

For more information
sales@dronitech.com
Rohit - 9820096850

DroniTech
E Wing 18th Floor, Lotus Corporate Park,
Goregaon East, Mumbai - 400063