Aiotize Drones used for Adani Ports' Private Rail line Survey at Damra Port, Odisha



Bhadrak, Odisha Mar 8, 2022 (Issuewire.com**)** - The future belongs to drones… from creating new infrastructure to destroying the existing ones. Drones do the initial Reiki. Recently, even Adani Ports used Aiotize made-in-India drones for surveillance at their private rail line site at Damra Port in Odisha.

Artificial intelligence-enabled drones or UAVs (Unmanned Aerial Vehicles) are the new support system in every large-scale work.

In a developing country like India, drones are used extensively as a construction partner. AI-powered drones are used for site surveillance, correct topographical measurements of a larger area, for providing accurate data with aerial photogrammetry, and for aerial survey of highways and railway tracks.

Such bright is the future of drones in India that even Prime Minister Narendra Modi while addressing the 'Technology Enabled Development' webinar at the beginning of March 2022 highlighted how the Indian government is focusing on encouraging made-in India drones. One such Indian start-up Aiotize is

already using drones with artificial intelligence and for multidimensional companies like Adani Ports. Shivansh Sethi, the CEO told how they are providing their hi-tech drones to Adani Ports to obtain survey data regarding track Rail Top surface, Interface between Ballast and Blanket Layer/Bridge Slab top/Bridge Culvert to arrive at existing ballast cushion. Drones are highly useful in measuring existing ballast profiles and arriving at quantities of existing ballast.

His drones are being used at the project site for the identification of Soil strata under the Rail Track to identify the Bad spots/weak formation stretches which require attention to maintain the track in good conditions.

“**Drones are not only an economical option but highly efficient as compared to traditional topographic surveying techniques and tools. Those used to be slow and labor-intensive requiring manual collection of multiple GPS points and thus a time-consuming and resource-consuming process. Our drones have expedited this process. We offer reliable UAVs or new age drones for infrastructure inspection, creating site maps of rail tracks or bridges or highways, with due consideration to topography and other important environmental data.**”

It is worth mentioning that Aiotize is one of the leading tech startups in the field of automation and business intelligence leveraging aerial intelligence and state-of-the-art technologies using drones.





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Source : Aiotize

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