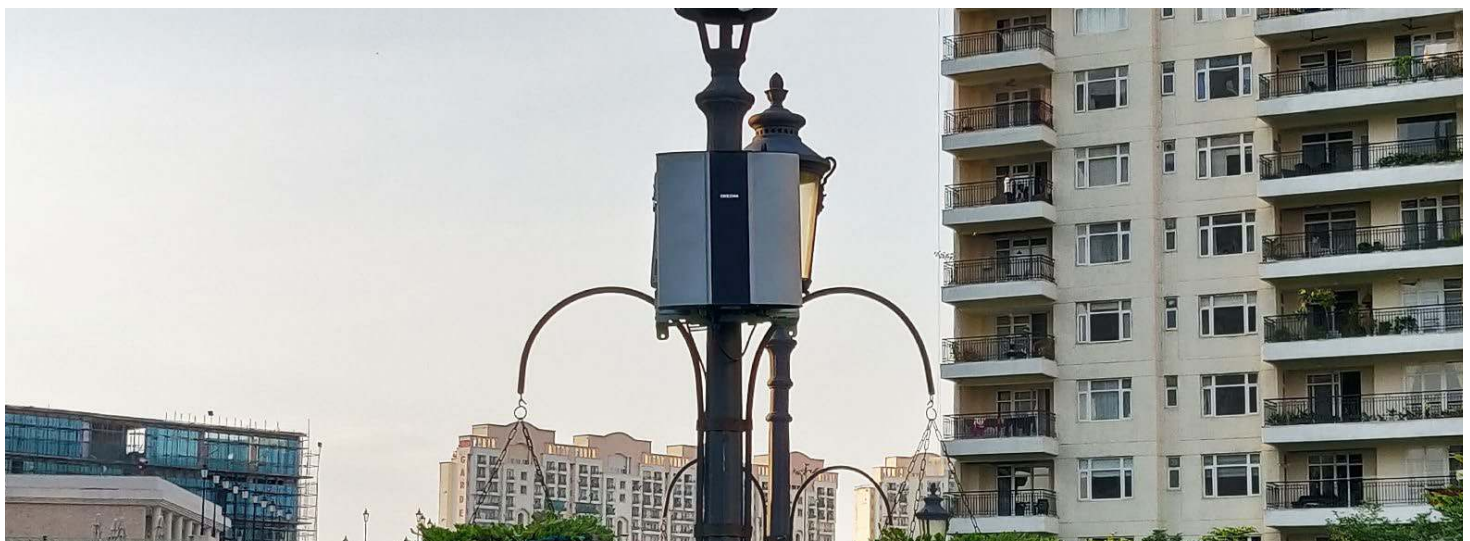


# Central Park, Gurgaon, Takes a Stand Against Air Pollution with Oizom's Dustroid

## *Our Client*

Central Park is a premier 50-acre residential complex in the heart of Gurgaon, India, offering luxury apartments, villas, and penthouses. The complex aims to provide a healthy and sustainable living environment by installing advanced air purification systems with HEPA & activated carbon filters, solar panels, and rainwater harvesting systems. The smart campus has extensive gardens and parks, providing residents with a refreshing and soothing environment.



## *The Challenge*

Air pollution has been a persistent issue in Delhi, with the air quality index (AQI) consistently exceeding the safe limit. A recent study by ASAR Social Impact Advisors says that 89% of people in Delhi fall ill due to bad air quality. The top four causes identified were motor vehicles, industrial units, tree-cutting, and construction activities. With the quality of air degrading from harmful to cancerous, the city needs urgent steps to tackle the problem.

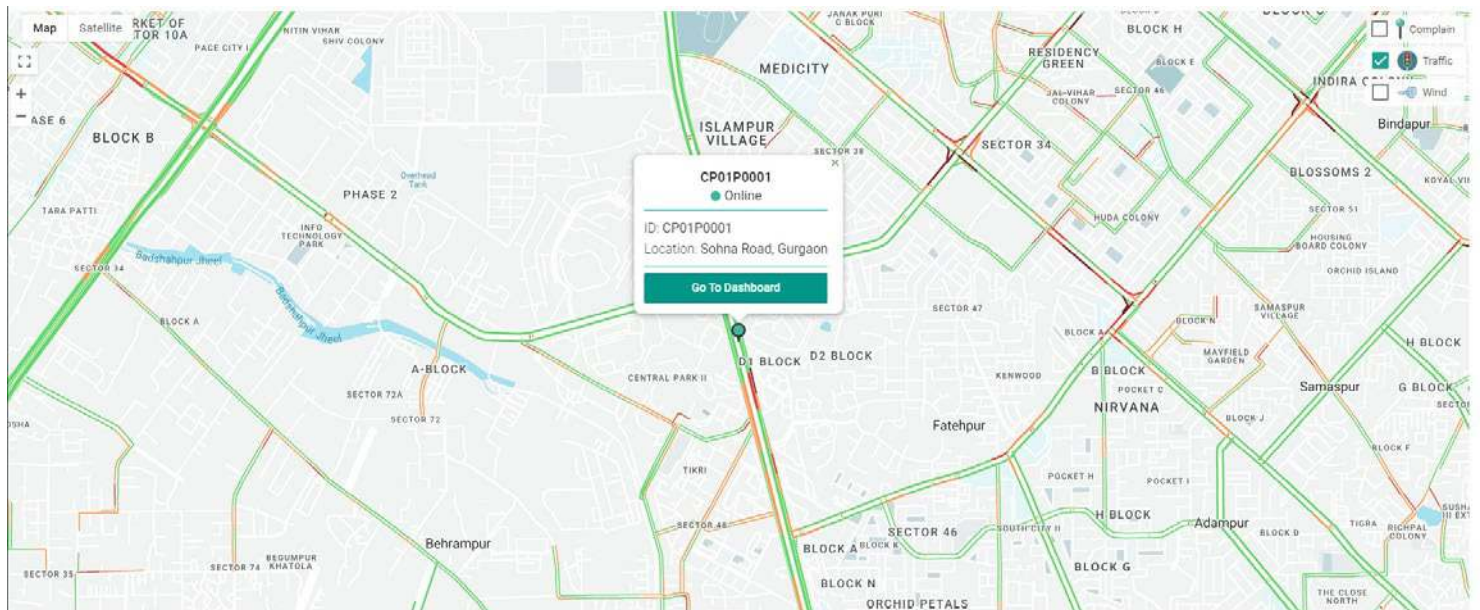
As of news, a man in Delhi was diagnosed with lung cancer, potentially due to poor air quality. The situation has escalated to a point where citizens can no longer breathe freely without fearing chronic or fatal diseases. It's imperative to take urgent action to improve the air quality, as the city is already significantly behind in addressing the problem. Central park wanted to take mitigation measures for pollution, and that was only possible if they monitored the ambient air with actionable insights.

## The Solution

Central Park, Gurgaon installed our dust monitor - Dustroid to monitor all the ambient air dust parameters in real time, providing a true picture of the air quality. It can track the presence of PM100, PM10, PM2.5, and PM1 particles. The data is collected and analysed to give the authorities a holistic view of the environmental health of the premises. With smart campus air monitoring, they can plan relevant actions and policies to reduce and mitigate the issue of pollution.

## Installation Details

Two Dustroids were installed in the vicinity of Central Park, Gurgaon.



## The Result

Installing Oizom's Dustroid has provided the much-needed cleaner air in and around Central Park. With real-time air quality data, residents can make data-driven decisions and take necessary precautions. The authorities have also been able to take relevant actions to reduce and mitigate the issue of pollution. The installation of Dustroid has been a step towards creating a healthier living environment for the residents.

Oizom is an environmental IoT company offering data-driven environmental solutions for better decision making. With our sensor-based hardware, we monitor various environmental parameters like air quality, noise, odour, radiation, weather conditions, etc. Our data analytics platform derives many actionable insights for authorities, communities, and industries. Oizom strives to play an essential role in a sustainable future through smart environmental solutions and data science.