

Silvaguard Drone

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Silvaguard Drone Latest News

Dryad Networks, a pioneer in ultra-early wildfire detection technology recently introduced the Silvaguard drone, an AI-based technology designed to enhance the early detection, location, and monitoring of wildfires.

About Silvaguard Drone

- It is an **AI-based drone** designed to enhance the **early detection, location, and monitoring of wildfires**.
- It was introduced **by Dryad Networks**, an environmental IoT startup **based in Berlin**.
- The drone will **deliver infrared images**, among other things, and **works in combination with a fire detection system** that the company developed earlier and that's already being used in several countries.
- The fire detection system, **called Silvanet**, is designed to **detect wildfires at the smoldering stage using solar-powered gas sensors** connected via a wireless network.
- **Each gas sensor can protect** an area the **size of a football field** and be attached to a tree.

- The plan is that **once Silvanet detects a fire**, it will **trigger a nearby Silvaguard drone** to fly to the location and provide detailed images.
- The **information about the fire**, including geographic coordinates, video and infrared images, will **then be sent to the firefighters** who will then know where the fire is spreading and how big it is.
- The system aims to enhance firefighting efficiency by **delivering precise fire locations** and **statuses in real-time**.

Silvaguard Drone FAQs

Q1. What is the primary purpose of the Silvaguard Drone?

Ans. To enhance the early detection, location, and monitoring of wildfires.

Q2. Which company developed the Silvaguard Drone?

Ans. Dryad Networks

Q3. What type of images does the Silvaguard Drone provide?

Ans. Infrared images

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