



## APPLICATION OF DRONE USING ARTIFICIAL INTELLIGENCE FOR INDUSTRY IN INDONESIA

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### Abstract

Drones are a type of Unmanned Aerial Vehicle (UAV) that is controlled remotely by humans or autonomously by onboard computers. The development of drone technology in Indonesia from year to year is increasingly sophisticated. Drone applications from a design perspective are generally divided into three main groups: military, industry (corporate), and commercial. The development of technology has made drones widely used for civil needs, especially in business, industry and logistics. The application of drones that have been used in various services, for example, monitoring infrastructure, shipping goods, firefighting forest, mining material exploration, mapping agricultural areas, mapping industrial areas, fun toy and checking body temperature. The expansion of drones using artificial intelligence. Drones using artificial intelligence to detect and classify objects, by collecting data to make the drone's function more specific. The use of drones using artificial intelligence for industry can help people do difficult work and make it more effective and efficient.

*Keywords : drone, unmanned aerial vehicle, artificial intelligence*

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