

A technological leap in soldier protection: MyDefence introduces AI-driven drone detection

The new AI-powered “Spectrum Warrior” marks a significant innovation of MyDefence’s widely deployed “Wingman” drone detection units, which have seen over 2,000 units utilized in high-threat zones, including the ongoing conflict in Ukraine.

As unmanned aerial systems (UAS) rapidly increase in complexity and capability, the need for sophisticated counter-drone solutions has become more critical than ever. Drones are a serious threat to military operations and critical infrastructure. Traditional detection systems are no longer sufficient to keep up with these advancing threats, emphasizing the importance of adopting advanced solutions to safeguard soldiers and protect essential assets.

MyDefence, a global leader in counter-drone technology specializing in radio frequency-based defense systems, announces the launch of its advanced upgrade of the drone detection solution for military defense, "Spectrum Warrior". This advanced AI-powered solution marks a significant innovation of the company’s widely deployed Wingman drone detection units, which have had over 2,000 units deployed in high-risk areas, such as the ongoing conflict in Ukraine.

This large-scale deployment has provided critical frontline data and insights, steering the development of Spectrum Warrior to give soldiers a critical tool to detect, identify, and neutralize drone threats with precision and efficiency, addressing the rapidly growing challenges of electronic warfare.

Designed with soldiers, for soldiers to counter next-generation aerial threats

The development of Spectrum Warrior stems from a close partnership with soldiers operating in conflict zones, such as Ukraine, where MyDefence has provided 2,000 of its Wingman drone detection units. This collaboration has allowed MyDefence to refine and advance its technology based on the real-world experiences and challenges faced by troops on the ground. Dan Hermansen, CEO of MyDefence, highlighted the significance of this relationship:

“Our mission is to protect lives and critical infrastructure. By working closely with soldiers, we have been able to refine our solutions to address the complex realities of modern warfare. Spectrum Warrior is a reflection of that mission and the collaboration with those on the frontlines.”

Spectrum Warrior: Key features and frontline support

Spectrum Warrior offers AI-enhanced frequency surveillance for detecting drones across a wide range of radio frequencies. It captures critical signals and integrates with the Android Tactical Awareness Kit (ATAK) and similar systems for improved threat detection, situational awareness, and battlefield coordination. Designed for soldiers in high-threat environments, the system improves detection, response times, and unit collaboration. Spectrum Warrior is built with continuous development and multiple releases per year to follow the constantly evolving threat landscape, ensuring that the user is one step ahead of emerging challenges.

Availability

The first Wingman upgrade with Spectrum Warrior features is now available. For more information on specifications, pricing, and deployment options, visit MyDefence's website or contact the sales team.

About MyDefence

Founded in 2013, MyDefence specializes in radio frequency-based counter-drone technology to protect soldiers, vehicles, and critical infrastructure. The company has continuously innovated to meet modern warfare needs and strengthened its position in 2024 after a major ownership change and increased global demand. More info at <https://mydefence.dk/>

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