

Malaysia's Aonic enhances agriculture drone strategies to modernise industrial sectors in Southeast Asia

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Aonic, a Malaysia-based company, focuses on developing drone solutions to modernize agriculture and industrial sectors by addressing challenges such as labor-intensive and hazardous work. One of its primary applications is replacing manual spraying in agriculture, which traditionally requires significant human effort and exposes workers to risks. By introducing drones for these tasks, Aonic helps improve operational efficiency, increase yields, and reduce resource consumption. According to internal performance data, Aonic's agriculture drones have shown measurable benefits, including a 50% increase in farmers' income, a 54% boost in farm output, and a 75% reduction in water use for spraying compared to manual methods. These improvements highlight the potential of drone technology to address inefficiencies in traditional agricultural practices.

Aonic's operations are supported by a fully integrated in-house ecosystem. The company designs, engineers, and manufactures its drones and proprietary software in Malaysia, allowing it to maintain control over product performance, costs, and development timelines. This vertical integration ensures that Aonic can adapt its technology to meet specific needs while maintaining quality and scalability. Beyond the core technology, Aonic has developed additional support systems to facilitate the adoption of its solutions. These include training programs through Drone Academy Asia, agri-drone financing via Aonic Flex, and agri-input retail services. These complementary initiatives aim to lower the barriers for farmers, particularly smallholders, who may lack the resources or expertise to adopt advanced technologies. By providing accessible financing and training, Aonic enables farmers to integrate drones into their operations with reduced upfront costs and improved understanding of how to use the technology effectively.

Aonic's with over 50 3S (Sales, Service, Spare Parts) centers across Southeast Asia, the company ensures responsive on-the-ground support for its customers. This network is particularly important in maintaining the reliability and performance of its drones after deployment. Aonic's strong presence in Malaysia and Thailand has made it a market leader in the agri-drone segment in these countries, where its drones are widely used for spraying operations in plantations and farms. This localized success demonstrates Aonic's ability to address the specific needs of regional agriculture while building trust among farmers.

Aonic expansion is further supported by a recent investment that enables the company to deepen its R&D in proprietary drone capabilities and scale its manufacturing capacity in Malaysia. These efforts aim to prepare Aonic for its next phase of growth while reinforcing its role as a driver of agricultural innovation.

Aonic's work also aligns with Malaysia's broader goals of agricultural modernization and smallholder empowerment. By integrating financing, training, and agri-input support into its offerings, the company helps farmers adopt drone technology with lower barriers and measurable productivity gains. These efforts contribute to Malaysia's ambition to modernize its agriculture sector and reduce its reliance on traditional, labor-intensive methods.

With over a decade of development since its founding in 2016, Aonic is now scaling its infrastructure to export Malaysian-engineered drone solutions globally. Its focus on addressing real-world challenges in agriculture and industrial sectors positions the company as a key player in advancing field-ready technology. As Aonic expands beyond Southeast Asia, it continues to emphasize the practical application of its drones in transforming traditional industries while showcasing Malaysia as a hub for innovative engineering solutions.