



Airgain's Lighthouse™ 5G Smart Network Controlled Repeater Achieves FCC Certification, Enabling Expansion to the U.S. Market

SAN DIEGO, Calif.--(BUSINESS WIRE)-- [Airgain, Inc. \(NASDAQ: AIRG\)](#), a leading provider of advanced wireless 5G connectivity solutions, today announced that its flagship Lighthouse™ 5G Smart Network Controlled Repeater (NCR) has received FCC certification, a critical milestone that enables System Integrators (SIs) to begin deploying Lighthouse in the U.S.

The certification validates Lighthouse as one of the first Smart 5G NCR solutions cleared for the North American market, supporting both indoor and outdoor deployments. Unlike traditional analog repeaters that simply amplify all signals, including interference, Lighthouse features a built-in smart antenna, active interference cancellation, carrier aggregation, and multi-operator configurations, enabling dual operator coverage where spectrum allocations align. These capabilities enable the expansion of 5G coverage faster, with reduced deployment costs, all while delivering a higher-quality user experience providing Airgain a strategic entry point into a fast-growing market.

Lighthouse introduces a new approach to network deployment, providing a fast and cost-effective way to bring robust 5G coverage to both indoor and outdoor environments. With installations often completed in less than a day, it requires no backhaul, which significantly reduces complexity and cost. For businesses with existing 4G Distributed Antenna Systems (DAS), Lighthouse can quickly and seamlessly extend 5G coverage into existing DAS deployments, protecting prior investments while accelerating time-to-coverage and reducing the total cost of ownership by up to 2X compared to traditional solutions.

A highly versatile solution, Lighthouse typical use cases range from enterprise in-building upgrades to outdoor coverage expansion in underserved and remote areas. It is also an ideal solution for high-impact venues by extending macro cell capacity indoors, ensuring robust coverage during peak demand in stadiums, malls, and convention centers. The system delivers reliable 5G for public safety and first responders and is easily adapted for mobile and temporary deployments at events or remote field operations. Lighthouse also plays a critical role in private networks, extending enterprise networks into hard-to-reach areas.

"The FCC approval of Lighthouse allows our partners and SIs to move forward with expanding their customer's 5G capabilities," said Brian Makarowski, Vice President of Product Management and Product Marketing. "We are enabling System Integrators to begin deploying Lighthouse to tap into the growing demand for 4G DAS-to-5G upgrades and

expanded 5G coverage. By supporting both indoor and outdoor use cases, Lighthouse allows our partners to deliver faster, more reliable, and more cost-effective connectivity for their customers.”

The FCC certification of Lighthouse™ represents a major inflection point for Airgain — unlocking U.S. market access and establishing a foundation for sustainable revenue growth in the rapidly expanding 5G infrastructure sector.

For more information about [Lighthouse™](#) and Airgain's other innovative solutions, please visit [Airgain.com](#).

About Airgain, Inc.

Headquartered in San Diego, California, Airgain, Inc. (NASDAQ: AIRG) is a leading provider of advanced wireless connectivity solutions that drive cutting-edge innovation in 5G technology. We are committed to delivering high-performance, cost-effective, and energy-efficient wireless solutions that enable rapid market deployment. Our mission is to connect the world through integrated, innovative, and optimized wireless solutions. Our diverse product portfolio serves three primary markets: enterprise, automotive, and consumer. For more information, visit [airgain.com](#), or follow us on [LinkedIn](#) and [X](#).

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