



Airbeam Wireless [www.airbeamtech.com](http://www.airbeamtech.com)

**Company:**

Airbeam Wireless Technologies develops a universal edge compute unit that together with its 60GHz wireless mesh network and wireless 5G backhaul technologies creates a powerful computing platform for smart cities and smart roads. With a vision to build the foundation of the Smart City in the future, we provide reliable, robust, and smart control devices and software systems to our customers and bring intelligence to facilities around the world. Initial applications include fixed wireless access to replace last mile wire or fiber as well as outdoor HD security cameras and massive IoT including lighting controls and other Smart City sensors.

**Main business areas:**

- Smart Cities Infrastructure
- Wireless 5G Backhaul
- Edge compute

**Tech areas for collaboration with Korean companies:**

Collaboration areas could include RF chip development with multigigabit throughput, 5G wireless backhaul device development, integrated edge compute unit development, or a multitude of Smart City sensors and capabilities. Specifically, we are looking for ways to explore how we could enhance our products and technologies to appeal further to the expanding South Asia market, where the 5G network density is expected to be higher than most places.

**Competitive advantages:**

Our Smart City solutions such as Smart Lighting allow efficient management and monitoring of a city's resources. Our wireless backhaul capability enables a rapid and cost-effective expansion of 5G and future networks by reducing the need for expensive fiber layouts. Finally, our edge compute solution brings the compute closest to the edge, reducing latency for critical applications.

**Major clients/partners:**

Currently we are in advanced conversations with major Telecommunication companies across Canada and have held trials for Telecommunications and Smart City use cases in Asia.

**Technology development and international partnerships:**

Currently we are focusing on developing integrated edge compute as well as Smart City platform while planning is underway for our next generation RF chip and 5G backhaul devices. We have a partnership with the world's largest semiconductor manufacturing company to produce our chips, and other partnerships with global service providers for our R&D efforts.

**Meeting objectives: - Please specify as much as possible.**

We would like to find and collaborate with South Korean companies that complement our technology and roadmap in building future Smart Cities. Assuming their knowledge from the requirements in target South Korean cities, will help to shape our end products as well.