

Press Information

Blue innovation and Kyocera to Develop New Drone Solutions Utilizing Moving Communication Relay Station System

The new drone communications technology to be displayed at the Blue innovation booth during CES 2020 in Las Vegas

Kyoto/London, February 3rd, 2020. Blue innovation Co., Ltd. (CEO: Takayuki Kumada, herein “Blue innovation”) and Kyocera announced today that the companies reached an agreement to jointly develop a new drone solution.



Sample drones equipped with moving communication relay stations

By flying multiple drones with mobile relay station functions in areas where mobile phone signals do not reach, such as disaster sites, the “moving communication relay station system” enables reliable mobile phone communication as if under normal circumstances. By combining Blue innovation’s system platform technology such as Blue Earth Platform, which enables remote control of several drones, with Kyocera’s wireless communication technology developed through its communication equipment business, the companies will develop a moving drone-enabled communication relay station.



Simulated display image of drone-enabled moving communication relay stations

Samples of these devices will be on display at the Blue innovation booth during CES 2020 in Las Vegas from January 7-10, 2020 (LVCC, South Hall 2 #26820). The companies will begin field testing under LTE and 5G networks, aiming toward commercialization by March 2022 in accordance with legislative amendments.

Development Roles of Each Company

Blue innovation	Development of Blue Earth Platform and establishment of front-end system
Kyocera	Development of cellular communication unit to be equipped with moving drone communication relay station to establish LTE and 5G networks

About Blue Earth Platform (BEP)

BEP is an infrastructure platform that enables complex missions via cooperation and coordination of multiple drones. BEP supports business optimization using AI and block chain.

About Blue innovation

Company name	Blue innovation Co., Ltd.
URL	https://www.blue-i.co.jp/en/
Headquarters	Ichigo Hongo Bldg 4F, 5-33-10 Hongo, Bunkyo-ku, Tokyo, Japan, 113-0033
CEO	Takayuki Kumada
Established	June 10, 1999
Business	Blue innovation is an innovative solutions provider planning to deliver five services (security, indoor inspection, education & safety, entertainment and logistics) using its Blue Earth Platform (BEP). BEP is a software and hardware platform that enables complex flight missions via cooperation and coordination of multiple drones.

For more information on Kyocera: www.kyocera.co.uk

About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 286 subsidiaries (as of March 31, 2019), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the most experienced producers of solar energy systems worldwide, with more than 40 years of know-how in the industry.

The company is ranked #655 on Forbes magazine's 2019 "Global 2000" listing of the world's largest publicly traded companies. With a global workforce of over 77,000 employees, Kyocera posted net sales of approximately €12,99 million in fiscal year 2018/2019. The products marketed by the company in Europe include printers, digital copying systems, semiconductor-, fine ceramic-, automotive- and electronic components as well as printing devices and kitchen products. The Kyocera Group has two independent companies in the United Kingdom: Kyocera Fineceramics Ltd. and Kyocera Document Solutions.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at approximately €828,000 per prize category).

Contact

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