

BMW Group

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BMW i Ventures Invests in GenXComm to Increase Speed and Lower Cost of 5G Rollout.

GenXComm's Telecoms Technology Aims to Revolutionize Industries from Mobile Connections to Machine Learning Capabilities.

Mountain View, Calif. (July 28, 2020) - BMW i Ventures announced today an investment in GenXComm, a company with ground-breaking technology that improves the performance and capacity of communication networks, and aims to significantly increase the speed of global 5G deployment.

"GenXComm is ushering in the next revolution of computing and connectivity," said Marcus Behrendt, partner, BMW i Ventures. "Autonomous systems, like self-driving cars, are essentially datacenters on wheels, and require fast, low latency connections. GenXComm's technology will rapidly increase the speed of 5G penetration that is critical for the future of connected vehicles."

Traditionally, it's been impossible for electronic devices to transmit and receive data at the same time, on the same frequency, because the intensity of data transmissions drowns out the signal that's being received. Therefore, electronic devices are extremely wasteful -- they either have to transmit and receive on different frequencies (using twice the spectrum they should) or transmit and receive at different times (using twice the time that they should).

GenXComm has developed new technology that will allow cellular operators to roll out 5G using relays and integrated access that can backhaul their own wireless transmissions without waste. With the switch to 5G costing global carriers a [60% to 300% increase in infrastructure costs](#), GenXComm's technology has the potential to save 5G providers billions of dollars, reducing the cost of implementing 5G by up to 80%.

"Our technology improves performance networks, meaning consumers will have supercharged mobile connections in addition to major cost savings," said Dr. Sriram Vishwanath, Co-founder and CEO of GenXComm. "We're looking to use technology to change the world, from cell phones to machine learning capabilities to WiFi, and infinite other use cases."

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5G has become a much-needed advancement in today's world. The ability to significantly reduce costs and speed up the continued 5G rollout by introducing full duplex wireless networking capable of maximizing spectrum utilization across all bands will enable the future of telecommunications, including 5G, 6G, and Wi-Fi 6.

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About BMW i Ventures

BMW i Ventures is BMW's hybrid venture firm known to execute quickly and deliver precision at scale for high-performance startups. The firm invests money and resources in hardware, software, and sustainability across manufacturing, transportation, and services. BMW i Ventures has already partnered with innovative companies such as Alitheon, Bright Machines, Software Motor Company, Carbon3D, Chargepoint, Claroty, DesktopMetal, Graphcore, JustPark, Mapillary, Moovit, Nauto, Recogni, Tekion, Xometry, Zendrive, Zum and many more. BMW i Ventures invests in all stages but has a sweet spot at Series B companies.

About GenXComm

GenXComm Inc. is an Austin, Texas-based technology company with ground-breaking technology to improve the performance and capacity of communication networks. The company was founded in 2016 to commercialize years of research and development out of the University of Texas at Austin in the area of interference technology. Enabling full-duplex, high-speed communication, GenXComm's powerful technology has the capacity to double the world's available frequency spectrum. Follow us on [LinkedIn](#) and [Twitter](#). www.genxcomm.com

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