



News Release

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Media contact:

Christina Moon Ashraf
(Verizon 5G Network)
christina.moon.ashraf@verizon.com
908.381.2384
Twitter: @ChrisMoonPR

John Arwood (Corning Optical
Communications)
arwoodjm@corning.com
(828) 901-6424

Gabrielle Bailey (Corning Incorporated)
BaileyGR@corning.com
(607) 974-6394

Verizon and Corning co-innovating with 5G to create factory of the future

What you need to know:

- **Verizon 5G Ultra Wideband is live at Corning's Hickory, NC factory where the companies are working together to build the 5G factory of the future**
- **5G's high bandwidth and low latency can enable factory automation, zero-touch quality assurance and near real-time supply chain tracking**

NEW YORK – Verizon has installed 5G Ultra Wideband service in Corning's fiber optic cable manufacturing facility in Hickory, NC. Corning will use Verizon's 5G

technology to test how 5G can enhance functions such as factory automation and quality assurance in one of the largest fiber optic cable manufacturing facilities in the world.

The companies are also working together to co-innovate new 5G-enabled solutions that can potentially revolutionize the way goods and services are produced.

5G's low latency, fast speeds and high bandwidth can improve the manufacturing process, enhancing capabilities like machine learning, augmented reality and virtual reality (AR/VR). Engineers from Verizon and Corning will explore how the factory of the future can use 5G to dramatically speed data collection, allow machines to communicate with each other in near real time, and wirelessly track and inspect inventory using 5G-connected cameras. They'll also test how 5G can improve the function of autonomous guided vehicles (AGVs) by helping them move more efficiently around the factory floor.

"5G will usher in the Fourth Industrial Revolution enabling massive steps forward in robotics and automation that will transform supply chain management and create smarter and more efficient factories," said Tami Erwin, executive vice president and CEO of Verizon Business Group. "We're thrilled to collaborate with Corning to explore how 5G will ultimately reshape the way the manufacturing industry operates."

The project advances Verizon's longstanding collaboration with Corning, recently focused on solutions that speed deployment of 5G using Corning's industry-leading optical technologies and Verizon's next-generation network architecture.

"Together, Verizon and Corning engineers expect to break new ground by identifying which 5G-enabled capabilities offer the most promise in a manufacturing

environment," said Dr. Claudio Mazzali, senior vice president of technology for Corning's Optical Communications business segment. "This builds on our collaboration with Verizon in a powerful way: Verizon turned to Corning for the fiber, cable, and optical connectivity innovations that are bringing their 5G network to life. Now Verizon is bringing 5G capabilities to a plant where those cable innovations are produced – completing the circle."

Learn more about [Verizon 5G technology here](#).

Verizon Communications Inc. (NYSE, Nasdaq: VZ), headquartered in New York City, generated revenues of \$130.9 billion in 2018. The company operates America's most awarded network and the nation's premier all-fiber network, and delivers integrated solutions to businesses worldwide. With brands like Yahoo, TechCrunch and HuffPost, the company's media group helps consumers stay informed and entertained, communicate and transact, while creating new ways for advertisers and partners to connect. Verizon's corporate responsibility prioritizes the environmental, social and governance issues most relevant to its business and impact to society.

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