# Verizon and Google Cloud to collaborate to deliver 5G mobile edge computing

**What you need to know:**

- **Verizon and Google Cloud are working together to bring the power of the cloud closer to mobile and connected devices at the edge of Verizon's network.**
- **Verizon 5G Edge with Google Distributed Cloud Edge intends to bring compute and storage services to the network edge to support real-time enterprise applications.**
- **Ericsson will pilot 5G Edge with Google Distributed Cloud Edge at its USA 5G Smart Factory.**

**BASKING RIDGE, N.J. and SUNNYVALE, C.A. -**Verizon and Google Cloud are working together to bring the power of the cloud closer to mobile and connected devices at the edge of Verizon's network. With Verizon 5G Edge with Google Distributed Cloud Edge, Verizon plans to bring Google's compute and storage services to the edge of the local network enabling the bandwidth and low latency needed to support real-time enterprise applications like autonomous mobile robots, intelligent logistics and factory automation. The companies expect that this combination of Verizon's private On Site 5G and private 5G Edge with Google Distributed Cloud Edge will enable enterprises in industries from retail to manufacturing to unlock the power of 5G and mobile edge computing and gain operational efficiencies, higher levels of security and reliability, and improved productivity.

Verizon and Google Cloud also plan to develop public 5G mobile edge computing for developers and enterprises. The public 5G Edge solution has the potential to enable developers to build and deploy applications at the edge of Verizon's wireless network in various locations throughout the U.S.

"By working with partners like Google Cloud and Ericsson, we're building the 5G edge compute ecosystem that will enable enterprises in many industries to benefit from having a completely dedicated private network and edge compute infrastructure on premise," said Rima Qureshi, Chief Strategy Officer at Verizon. "5G Edge with Google Distributed Cloud Edge will give our customers the ability to connect and manage a broad range of devices at scale and speed while also providing highly secure, near real-time connectivity. This will allow companies to unlock greater value from data and enable innovative applications involving computer vision, augmented and virtual reality, and machine learning."

"Through our planet-scale infrastructure and expertise in data analytics, artificial intelligence and machine learning, Google Cloud is enabling the rapid development and deployment of new services and applications," said Thomas Kurian, CEO of Google Cloud. "By bringing intelligence from data centers to the network edge, Verizon 5G Edge with Google Distributed Cloud Edge will allow customers to build new cross-industry edge solutions, unlock new revenue models, and transform the next generation of customer experiences – from AI-driven in-store operations to live inventory management on the factory floor, the possibilities span multiple industries."

**Verizon and Ericsson To Pilot Private Mobile Edge Computing at USA 5G Smart Factory**

Ericsson, in collaboration with Verizon, will pilot 5G Edge with Google Distributed Cloud Edge as part of a proof of concept at its USA 5G Smart Factory. The first trial use case involves Verizon's Sensor Intelligence solution, which involves attaching a camera to an autonomous mobile robot that will scan packages to maintain inventory and location of indirect materials in the factory's warehouse. Then, using computer vision, the robot will communicate the bar code and shipping label data via 5G and mobile edge computing to the inventory management system, providing real-time analytics to improve logistics.

"Ericsson's Smart Factory is where we're putting the principles of the Fourth Industrial Revolution into action," said Niklas Heuveldop, President and Head of Ericsson North America. "Technologies like Verizon's 5G Edge, which is built on Ericsson's 5G Private Network technology, are critical for unlocking 5G's true potential, and this pilot brings real-time data to make operations more efficient, secure, and cost-effective. Testing this technology with autonomous mobile robots in our Smart Factory is an important step on the journey to the factory of the future."

Learn more information about Verizon 5G Edge and Verizon's 5G technology.

**About Verizon**

Verizon Communications Inc. (NYSE, Nasdaq: VZ) was formed on June 30, 2000 and is one of the world's leading providers of technology and communications services. Headquartered in New York City and with a presence around the world, Verizon generated revenues of $128.3 billion in 2020. The company offers data, video and voice services and solutions on its award-

winning networks and platforms, delivering on customers' demand for mobility, reliable network connectivity, security and control.

**About Google Cloud**

Google Cloud accelerates organizations' ability to digitally transform their business with the best infrastructure, platform, industry solutions and expertise. We deliver enterprise-grade solutions that leverage Google's cutting-edge technology – all on the cleanest cloud in the industry. Customers in more than 200 countries and territories turn to Google Cloud as their trusted partner to enable growth and solve their most critical business problems.

This press release includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are generally identified through the inclusion of words such as "aim," "anticipate," "believe," "expect," "intend," "may," "plan," "project," "strategy," "target" and "will" or other words or phrases of similar import. Similarly, statements herein that describe the future impact or potential of this collaboration, and other statements of management's beliefs, intentions or goals also are forward-looking statements. It is uncertain whether any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do, what impact they will have on results of operations, financial condition, or stock price. These forward-looking statements involve certain risks and uncertainties that could cause actual results to differ materially from those indicated in such forward-looking statements, including but not limited to, the ability of the parties to implement their plans, and other expectations with respect to this collaboration. The forward-looking statements included in this press release are made only as of the date hereof. The parties do not undertake any obligation to update the forward-looking statements to reflect subsequent events or circumstances.

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