



## **GSiL, Korea's Leading Smart Safety Company, Partners with Blaize, a Global Leader in Programmable Edge AI Computing, to Develop Next-Generation "Physical AI" Safety Technology**

March 5, 2026

The companies intend to combine Vision AI + Generative AI + Real-time Data Foundation to detect, analyze, and predict safety risks across industrial and public environments

**March 05, 2026** – GSiL, a company specializing in smart safety, signed a non-binding Memorandum of Understanding (MOU) with Blaize, a global AI semiconductor company based in the United States. The partnership aims to co-develop next-generation "Physical AI" safety technology capable of detecting, analyzing, and predicting physical risks in industrial and public sites in real time.

The collaboration is intended to move beyond traditional CCTV-based monitoring. It aims to establish a next-generation safety AI ecosystem that recognizes risks in real time, predicts the likelihood of accidents, and proactively prevents them.

### **High-Efficiency Edge AI Meets Industrial Safety**

Blaize is a Silicon Valley-based company listed on the NASDAQ, specializing in Edge AI platform, built on its Graph Streaming Processor (GSP) architecture, enabling ultra-low power and high-efficiency AI inference. Blaize Edge AI platform enables real-time video-based Vision AI and multimodal processing across various industries, including automotive, smart cities, security, and manufacturing.

### **From Detection to Prediction: The "AI Safety Advisor"**

By combining GSiL's industrial safety data assets and field operational experience with Blaize's Edge AI technology, the two companies plan to develop a "Physical AI-based Safety Model" and commercialize it in stages.

The core of this intended cooperation involves expanding Vision AI-based real-time risk detection into:

- **Risk Prediction Models:**Analyzing historical safety data, work patterns, weather, equipment, and environmental data to quantify and present future accident risks.
- **AI Safety Advisor:**Utilizing Generative AI to automate field safety briefings, risk diagnosis reports, and risk response guides.

Additionally, GSiL is pushing for the construction of a "**Real-time Safety Data Fabric.**" This foundation would integrate Vision AI, IoT sensors, location data, work information, and environmental data. The strategy is to evolve this into a prevention-oriented integrated safety solution featuring accident sign analysis, abnormal behavior detection, risk accumulation heatmaps, and safety KPI monitoring.

### **Global Market Expansion starting with Pilot Programs**

The MOU includes plans to launch an initial pilot program at industrial sites belonging to Samsung affiliates. After verifying the Physical AI model tailored for the Korean industrial environment, the companies intend to expand into global EPC (Engineering, Procurement, and Construction) markets in the Middle East, Southeast Asia, and Europe.

**Lee Jung-woo, CEO of GSiL, stated:** > "The combination of GSiL's industrial safety data and field experience with Blaize's ultra-low power Edge AI technology will introduce a new safety paradigm across both the Korean and global markets. Together, we will implement a next-generation Physical AI safety platform that combines Generative AI-based risk prediction with a real-time data foundation."

**Dinakar Munagala, CEO of Blaize, added:** > "GSiL is a powerful partner with both deep industrial safety data and proven field execution capabilities. The pilot in the Korea's industrial sector represents a vital strategic opportunity for Blaize, and this collaboration is intended to serve as a starting point for establishing a global safety standard powered by Edge AI."

### **About Blaize**

Blaize provides a full-stack programmable processor architecture suite and low-code/no-code software platform that enables AI processing solutions for high-performance computing at the network's edge and in the data center. Blaize specializes in delivering Practical AI solutions through its hybrid, programmable, and efficient AI inference platform, designed for real-world applications. Blaize AI solutions deliver real-time insights and decision-making capabilities at low power consumption, high efficiency, minimal

size, and low cost. Headquartered in El Dorado Hills, California, Blaize has more than 220 employees worldwide. To learn more, visit [www.blaize.com](http://www.blaize.com) or follow us on LinkedIn @blaizeinc.

### **Cautionary Statement Regarding Forward Looking Statements**

This press release contains forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") that are based on beliefs and assumptions and on information currently available to Blaize, including statements regarding the the expected scope of the engagement with GSIL and any potential definitive agreements related thereto; the industry in which Blaize operates, market opportunities, and product offerings. In some cases, you can identify forward-looking statements by the following words: "may," "will," "could," "would," "should," "expect," "intend," "plan," "anticipate," "believe," "estimate," "predict," "project," "potential," "continue," "ongoing," "target," "seek" or the negative or plural of these words, or other similar expressions that are predictions or indicate future events or prospects, although not all forward-looking statements contain these words. Forward-looking statements are predictions, projections, and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including but not limited to: (i) changes in domestic and foreign business, market, financial, political and legal conditions; (ii) failure to realize the anticipated benefits of Blaize's business combination with BurTech Acquisition Corp., which may be affected by, among other things, competition, the ability of the combined company to grow and manage growth profitably, maintain relationships with customers and suppliers and retain its management and key employees; and (iii) those factors discussed under the heading "Risk Factors" in our Annual Report on Form 10-Q filed with the Securities and Exchange Commission (SEC) on April 15, 2025, our and other documents filed by Blaize from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Blaize assumes no obligation to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise, except as required by law, including the securities laws of the United States and the rules and regulations of the SEC. Blaize does not give any assurance that it will achieve its expectations.

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