

[Korea IT Times] MAILab Unveils AI Supercomputer for Consumer Protection in Partnership with NVIDIA and Qualcomm

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- MAILab Showcases Innovative Technology for Consumer Protection with AI Supercomputer Developed in Collaboration with NVIDIA and Qualcomm
- Highlighting AI-powered Quick Commerce Logistics, Security, and Quality Inspection Technology on Consumer Day



Dr. Phil Yang (left), CEO of MAILab, and Adrian Ong, Vice President of Qualcomm, at MAILab's Vision AI Showroom.

Seoul, South Korea - Leading AI company MAILab announced on March 15 innovative solutions to protect consumer rights using AI technology in celebration of Consumer Day. On March 7, Adrian Ong, Vice President of global mobile communication and AI technology leader Qualcomm, visited MAILab CEO Dr. Phil Yang to discuss future collaboration in detail. MAILab has already developed an AI supercomputer with two petaflops of computing power in partnership with NVIDIA and Qualcomm. Leveraging this technology, the company continues to refine AI models to enhance consumer shopping experiences and provide safer environments.

AI-Powered Ultra-Fast Logistics 'QuickCom' Maximizes Consumer Satisfaction

MAILab's QuickCom solution is an AI-powered ultra-fast logistics system designed to eliminate consumer inconveniences such as delivery delays and incorrect shipments. The company's subsidiary MicroFM, which specializes in micro-fulfillment and micro-mobility, will operate the QuickCom service. MAILab has already established partnerships with major e-commerce companies like Alibaba. By integrating AI-driven software and hardware with deep learning, QuickCom optimizes delivery routes and enables real-time monitoring, ensuring fast and accurate deliveries that significantly enhance consumer satisfaction.

AI Security Cameras Ensure Consumer Safety in Smart Stores

MAILab has developed AI security cameras powered by its proprietary Vision AI engine, i2Brain. These AI edge cameras detect abnormal behaviors in real-time in stores and logistics centers to prevent incidents. MAILab's AI cameras gained high recognition overseas, especially during the COVID-19 pandemic, where they provided security and health protection services simultaneously.

AI-Based QSS Creates Safe Shopping Environment

MAILab's QSS (Quarantine, Security, and Safety Solution) is an AI-driven system ensuring safety across manufacturing and logistics processes. Using deep-learning-based vision AI, QSS analyzes vein patterns on the forehead and employs thermal imaging cameras to measure core body temperature without direct contact. This allows for efficient mass temperature screening and ensures compliance with health protocols, helping to prevent infectious diseases and reduce public fatigue. By creating a safer shopping environment, MAILab responds to the growing consumer demand for security and health-conscious shopping experiences. CEO Dr. Phil Yang emphasized that the company is fully committed to ongoing technological advancements to meet these evolving needs.

MAILab Leads the Way in AI-Powered Consumer Protection

MAILab ensures consumer rights to safety and health through AI technology. With its private AI supercomputer, the company develops innovative solutions and advocates for all businesses to transition from public cloud infrastructure to private AI supercomputers. CEO Dr. Phil Yang stated, "MAILab, in collaboration with NVIDIA and Qualcomm, has already built a 2-petaflop AI supercomputer to protect consumer rights and establish a safe and reliable shopping environment. We are the only company in Korea operating a private AI supercomputer. Moving forward, we plan to develop and operate AI supercomputer clusters to make this technology accessible to all enterprises. We discussed specific implementation strategies with Qualcomm and will continue the discussions in the U.S. this April."

Who Are MAILab, NVIDIA, and Qualcomm?

MAILab develops AI solutions for healthcare, logistics, security, and beauty industries using its proprietary AI engine (i2Brain), AI supercomputer, Vision AI Framework, and MEGA Image AI Platform. The company operates engineering and marketing teams in the U.S., Canada, China, and India. Its key innovations include AI for congenital heart disease and breast cancer diagnosis, robotic logistics AI, and beauty AI.

NVIDIA: A pioneer in GPU technology, NVIDIA leads the world in AI, deep learning, autonomous driving, and gaming. The company provides powerful computing platforms and AI solutions, supporting industrial innovation through collaborations with companies like MAILab.

Qualcomm: A global leader in mobile communications and AI technology, Qualcomm is renowned for its advancements in 5G, IoT, and AI chipsets.