



Mark AB Capital partners with Blaize in multi-year relationship to create sustainable edge AI solutions for UAE

September 5, 2023

Initial contracts to deliver sustainable Smart Cities and Airport solutions projected to generate a minimum of \$50m in orders annually

EL DORADO HILLS, CA — September 5, 2023— Mark AB Capital today announced a multi-year Memorandum of Understanding with Blaize – the leader of new-generation supercomputing. Blaize will offer a comprehensive AI edge hardware and software development platform implemented on Blaize edge solutions optimized for sustainability and operational efficiencies. Blaize will also create an AI Data Center powered by its fully programmable Blaize® Graph Streaming Processor®, providing the lowest Total Cost of Ownership.

Blaize will develop applications that cost-effectively offer real-time monitoring of video and data-enabled IoT technologies and connected sensors, providing valuable insights to enhance security and improve the lives of UAE citizens. This will help UAE better manage its massive smart city initiatives in essential areas, such as mobility, connected city municipalities, public safety and productivity, transportation patterns, and remote maintenance of critical infrastructure elements. Initial sectors targeted for decarbonization with AI include AgTech and Healthcare solutions, water and electrical systems management, automating hazard detection, extensive Smart City applications, airside and landside airport initiatives, and massive infrastructure safety and maintenance across the UAE.

The UAE is building its future economy based on knowledge and innovation while nurturing and protecting the environment. The Blaize tightly coupled software, small form factor, low power, and high-speed data processing hardware deliver an end-to-end efficient, usable AI edge workflow that will power UAE's transition to a smart, more connected environment and future economy, including the efficient use of a Blaize powered data center.

"We are looking forward to partnering with Blaize and believe that embracing the power of AI is not just about innovation; it's about building a brighter future together. With this partnership, we're not only harnessing AI's potential, but also paving the way towards an AI-powered nation where progress knows no bounds," said Abdullah Mohamed Al Qubaisi, CEO of Mark AB Capital.

Blaize and Mark AB will bring AI technology to the \$20b GCC (Gulf Cooperation Council), expecting to generate \$50m in orders annually over several years. Blaize will work with Mark AB to create an AI software training center to certify at least 5,000 UAE citizens utilizing Blaize AI Studio™ – the code-free AI software platform, creating high-paying AI development jobs supporting UAE's local employment initiatives. Mark AB and Blaize will work together to make UAE the world's first total edge AI nation, allowing full use of AI to create efficiency in energy, security, and education while building its future economy.

"UAE is focused on optimizing city functions and promoting the economic growth of its municipalities while improving the safety and quality of life for its citizens. Blaize is delighted to deliver intelligence at the edge of everywhere with a programmable full-stack AI architecture to create use cases that positively impact people's lives and help a nation like UAE achieve its sustainability goals," said Dinakar Munagala, CEO and Co-founder of Blaize.

About Mark AB

Mark AB Capital is a forward-thinking investment firm with a focus on strategic partnerships that drive innovation and progress. Committed to shaping the future, Mark AB Capital seeks opportunities that align with its vision for a better world. www.markabcapital.net

About Blaize

Blaize is a leading provider of a proprietary purpose-built, full-stack hardware architecture and low-code/no code software platform that enables edge AI processing solutions at the network's edge for computing in multiple large and rapidly growing markets — automotive, mobility, retail, security, industrial automation, medical devices, and many others. Blaize's novel solution solves the technical problem that edge AI processing requires across those verticals — very low latency and high thermal and power efficiency — which previously relied on retrofitting sub-optimized AI solutions designed more for data centers and the cloud. Blaize has previously raised over \$200MM from strategic investors such as DENSO, Daimler, Magna, Samsung, and Bess Ventures and financial investors such as Franklin Templeton, Temasek, GGV, and others. With headquarters in El Dorado Hills (CA), Blaize has teams in San Jose (CA), North Carolina, and subsidiaries in Hyderabad (India), and Leeds and Kings Langley (UK), with 200+ employees worldwide. www.blaize.com. Follow Blaize on X ([@blaizeinc](https://twitter.com/blaizeinc)) and LinkedIn ([Blaize](https://www.linkedin.com/company/blaize)).

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