

ZenaTech Enters AI Data Center Construction Market with ZenaWorx, a Drone-based 3D Digital Progress Monitoring Software

The new LiDAR analytics SaaS platform will target the AI data center construction sector – growing at 30% per year – with DaaS and SaaS offerings

VANCOUVER, BRITISH COLUMBIA, CANADA, May 29, 2026 /EINPresswire.com/ -- [ZenaTech, Inc.](https://www.zenattech.com) (Nasdaq: ZENA) (FSE: 49Q) (BMV: ZENA) (“ZenaTech”), a technology solution provider specializing in AI (Artificial Intelligence) drone, Drone as a Service (DaaS), enterprise SaaS, and Quantum Computing solutions, announces its entry into the rapidly growing AI data center construction market by commencing the initial development of ZenaWorx, a LiDAR (Light Detection and Ranging)-based VDC (Virtual Design and Construction) progress monitoring software. The software, designed to improve accuracy and costs across the construction lifecycle, will be jointly developed and offered through its Drone as a Service and Enterprise SaaS divisions. ZenaWorx uses drone-captured LiDAR data to create a detailed 3D digital map of a construction site that is used to track ongoing construction progress and identify deviations from planned design. The company has identified a potential beta customer about to begin a several hundred-acre AI data center construction project that it has targeted to use in the development of this service and is currently at the negotiation stage.



ZenaTech enters the fast-growing AI data center market with ZenaWorx, a LiDAR-powered construction intelligence platform.



ZenaWorx combines drone data, LiDAR mapping, and AI analytics to improve visibility and efficiency across large-scale AI data center projects.



The AI data center market is experiencing unprecedented expansion as an important growth market for drone-powered surveying, analytics, and construction monitoring solutions.”

Shaun Passley, Ph.D., CEO of ZenaTech, Inc.

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“The AI data center market is experiencing unprecedented expansion as an important growth market for drone-powered surveying, analytics, and construction monitoring solutions,” said Shaun Passley, Ph.D., CEO of ZenaTech. “With the development of ZenaWorx we plan to support construction and infrastructure operators with advanced aerial data collection, LiDAR-based 3D analytics, and a scalable subscription-based service designed to improve

visibility, efficiency, and cost-effectiveness of project execution throughout the construction lifecycle.”

ZenaWorx is an Enterprise SaaS offering, also intended to be incorporated into Drone as a Service jobs, focused on processing drone and LiDAR-captured data and transforming it into visual, analytics-driven construction progress insights. The software, currently in early-stage development, is intended to support standardized reporting and performance tracking across construction projects, with broader applications expected to be explored over time.

The offering will use of LiDAR-enabled aerial data capture to monitor construction progress across large-scale sites with high precision. LiDAR drone sensors use laser-based scanning to generate a highly accurate 3D representation of physical environments, allowing project teams to measure terrain, track elevation changes, and compare real-world construction progress against design specifications across the entire construction lifecycle.

The North American AI data center market is growing at 30% CAGR until 2030 according to Mordor Intelligence while the sector is experiencing a global infrastructure investment super cycle according to JLL research. This expansion is being driven by accelerating demand for AI computer infrastructure and hyperscale cloud deployment. Within this environment, large-scale AI data center construction projects typically require 12 to 36 months to complete, involving significant earthworks, grading, and multi-phase infrastructure coordination.

VDC progress monitoring, surveying, and digital site intelligence solutions represent an increasingly important enabling layer within the broader data center development ecosystem, supporting improved scheduling accuracy, cost control, and capital efficiency across complex building projects.

About ZenaTech

ZenaTech, Inc. (Nasdaq: ZENA) (FSE: 49Q) (BMV: ZENA) is a technology company that specializes

in AI autonomy drone platforms to transform industrial, government, and defense sectors. Its subsidiaries include drone manufacturing through ZenaDrone, a global Drone as a Service (DaaS) business, and a separate enterprise SaaS division of multiple software brands. The Company is executing an acquisition-led DaaS roll-up strategy to digitize and automate legacy service industries like land surveys and inspections, driving drone-based scalable, recurring revenue growth. With an operating footprint spanning North America, Europe, the Middle East, and Asia, ZenaTech is advancing AI drones for agriculture and logistics, as well as ISR, cargo, and counter-UAS applications for U.S. defense and NATO allies. The company is investing in next-generation technologies, including drone swarms, quantum computing, and advanced AI autonomy to capture long-term opportunities in key markets through its R&D initiatives

About ZenaDrone

ZenaDrone, a wholly owned subsidiary of ZenaTech, develops and manufactures autonomous drone solutions that can incorporate machine learning software, AI, predictive modeling, Quantum Computing, and other software and hardware innovations. Created to revolutionize the hemp farming sector, its specialization has grown to multifunctional drone solutions for surveying, monitoring, inspection, tracking, process automation, and defense applications. Currently, the ZenaDrone 1000 drone is used for crop management applications and critical field cargo applications in the defense sector, the IQ Nano indoor drone is used for inventory management and security in the warehouse and logistics sectors, the IQ Square is an outdoor drone designed for power washing and inspections use in commercial and government sectors, and the IQ Quad is for land surveys.

Contacts for more information:

Company, Investors, and Media:

Linda Montgomery
ZenaTech
312-241-1415
investors@zenatech.com

Investors:

Michael Mason
CORE IR
investors@zenatech.com

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Media:

David Shapiro

B2i Digital, Inc.

+1 212-579-4844

david@b2idigital.com

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