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Press Release

Strayos and Quantum Systems announce strategic partnership to revolutionize mining operations



Germany, Munich, June 15th, 2023 - Strayos, a leading provider of AI-powered software solutions for the mining industry and [Quantum-Systems GmbH](#), the dual-use aerial intelligence company that provides multi-sensor data collection drones to government agencies and commercial customers, enter a strategic partnership to transform mining operations through advanced technology and automation.

Founded in 2015, Quantum Systems is at the forefront of unmanned aerial system (UAS) development. Its electric vertical take-off and landing (eVTOL) systems boast industry-leading endurance, ease of operation, and reliability, exceeding the performance of conventional UAS platforms. Quantum Systems' drones bring together the most robust and field-proven systems and commercial speed in development and innovation. Strayos specializes in developing advanced image processing and AI geospatial solutions designed to optimize the mine to mill value chain - from surveying, planning, drill & blast and geology analysis to geotechnical, haul road and stockpile reporting.

The partnership between Strayos and Quantum Systems brings together the cutting-edge capabilities of both companies, combining Strayos' expertise in artificial intelligence and data analytics with Quantum Systems' state-of-the-art UAV technology. This collaboration will empower mining companies to seamlessly extract more value from data to further optimize their operations, enhance safety measures, increase overall productivity and ROI.

Unleashing the power of AI and UAS technology for optimizing mining operations

Strayos offers a comprehensive suite of AI-powered software solutions designed specifically for the mining industry. Their advanced algorithms analyze data collected from various sources, including drones, LiDAR scans, and existing mining equipment, to provide real-time insights and actionable intelligence. By leveraging the power of artificial intelligence,



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Strayos enables mining companies to make informed decisions, improve operational efficiency, and reduce costs.

Quantum Systems' high-performance drones are equipped with six different fully integrated cameras, including RGB, oblique, multispectral and a LiDAR scanner, enabling customer precise data collection and aerial mapping.

Quantum Systems' UAVs are designed to operate even in the most challenging environments, providing mining companies with accurate and up-to-date aerial intelligence to enhance decision-making processes.

Through this strategic partnership, Strayos and Quantum Systems will integrate their respective technologies, offering a seamless end-to-end solution for mining operations. The combined offering will enable mining companies to efficiently survey and analyze vast areas of mining sites, identify potential risks, optimize resource allocation, and streamline workflows.

"We are thrilled to join forces with Quantum Systems to revolutionize the mining industry. By combining our AI-powered software with Quantum Systems' cutting-edge UAS technology, we can provide mining companies with a comprehensive solution that enhances safety, efficiency, and productivity." Ravi Sahu, CEO, Strayos

"We believe that this partnership will accelerate the adoption of advanced technologies in mining operations. Together with Strayos, we aim to redefine how mining companies approach data collection, analysis, and decision-making, ultimately driving industry-wide transformation." Florian Seibel, CEO, Quantum Systems

The partnership between Strayos and Quantum Systems represents a significant milestone in the mining industry, introducing a new era of digitalization and automation. Mining companies can now harness the power of artificial intelligence and UAS technology to unlock untapped potential, increase operational efficiency, and minimize environmental impact.



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About Strayos

Strayos is a US based Mining Intelligence software company. By combining data from edge devices, smart tools, sensors, and drones with advanced analytics and Artificial Intelligence Strayos creates digital twins of sites and predictive AI models. From surveying and geotechnical work to geology, drill and blast, to loading and hauling operations, Strayos helps Mining and Quarry operators reduce cost, and improve productivity and safety.

For more information about Strayos visit: www.strayos.com

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About Quantum Systems

Quantum Systems specializes in the development, design, and production of small Unmanned Aerial Systems (sUAS). The company's range of electric vertical take-off and landing (eVTOL) sUAS are built to maximize range and versatility and provide operators with a seamless user experience. By integrating cutting-edge software capabilities like edge computing and real-time AI-powered data processing, Quantum Systems is building next-generation UAS for clients in defence, security, public sector.

Quantum-Systems was founded in 2015 and is headquartered at Special Airport Oberpfaffenhofen, 20 km west of Munich.

For more information about Quantum-Systems visit www.quantum-systems.com.

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