



Sarcos Awarded \$13.8 Million USD Contract by U.S. Air Force for Advancement of Its Artificial Intelligence and Machine Learning Software

Sep 28, 2023

Contract will support continued development of Sarcos artificial intelligence and machine learning framework to advance Guardian® line of robotic systems

SALT LAKE CITY--(BUSINESS WIRE)--Sep. 28, 2023-- Sarcos Defense, a subsidiary of [Sarcos Technology and Robotics Corporation](#) ("Sarcos") (NASDAQ: STRC and STRCW), a leader in the design, development, and manufacture of advanced robotic systems, solutions, and software that redefine human possibilities, announced today that it has received a \$13.8 million USD contract from Warner Robins Air Logistics Complex, Robins Air Force Base, Georgia. The award results from an innovative AFWERX AFVentures opportunity for its Strategic Funding Increase (STRATFI) program. This contract will support development, integration, and validation of Sarcos' artificial intelligence (AI) and machine learning (ML) software framework, the AI Computational Service, for success-based reinforcement learning in the Sarcos Guardian® line of robotic systems.

The goal of the Sarcos AI Computational Service is to enable robotic systems, specifically the Sarcos Guardian line of robotic systems and future iterations, to learn from experience using a success-based learning approach allowing robots to understand their environment, exhibit reasonable behavior in unforeseen situations, and quickly acquire new skills from new experiences.

Unlike existing machine learning algorithms that often require numerous examples to achieve high accuracy, the Sarcos AI Computational Service seeks to emulate with robots how people can generalize successfully from just a single example. By leveraging what the robot has previously learned, the framework fills in the gaps of unknown scenarios by generating robust and reliable predictions on how the robot should act in any given situation. The aim is to outperform current AI approaches, such as deep learning algorithms, in terms of effectiveness and efficiency. This will result in improved workflow performance as well as safer interactions between humans and machines, particularly in unstructured environments.

This contract will span a period of four years, during which Sarcos will continue to advance its software technology to benefit the Department of the Air Force. By incorporating the success-based learning capabilities into its robotic systems, the contract seeks to create greater synergy between human workers and AI technology, ultimately enhancing productivity and safety in various job settings.

Throughout the duration of the contract, Sarcos will conduct Military Utility Assessments (MUAs) at various U.S. Air Force locations, including Warner Robins Air Force Base, to test intelligent algorithms implemented on Sarcos robots. The demonstrations will aim to address the operational challenges currently faced by the Air Force and to showcase how the Guardian line of robots combined with Sarcos AI and ML software can benefit the Air Force and DoD in their missions by increasing productivity and safety.

"This contract represents a tremendous opportunity for Sarcos as we continue to focus on and invest heavily in the development of our artificial intelligence and machine learning software technology," said Laura Peterson, Interim President and CEO, Sarcos. "It will allow us to provide cutting-edge performance enhancements to our Guardian robotics solutions, which will benefit our U.S. Air Force partners and commercial customers alike."

"Sarcos has been a key partner for the Air Force and U.S. military for decades. As we look to incorporate technology that can help Airmen accomplish their missions and support readiness efforts," said Tony Ligouri, AFRL program manager for this project, "we expect the Sarcos Guardian line of robotics solutions to be a substantial benefit to USAF operations and believe the integration of the artificial intelligence and machine learning framework into these robots will support the efforts of the DoD."

For more information on Sarcos and its award-winning product portfolio, including solutions benefiting the U.S. Department of Defense, please visit www.sarcos.com.

About Sarcos Technology and Robotics Corporation

Sarcos Technology and Robotics Corporation (NASDAQ: STRC and STRCW) designs, develops, and manufactures a broad range of advanced mobile robotic systems, solutions, and software that redefine human possibilities and are designed to enable the safest most productive workforce in the world. Sarcos robotic systems operate in challenging, unstructured, industrial environments and include teleoperated robotic systems, a powered robotic exoskeleton, and software solutions that enable task autonomy. For more information, please visit www.sarcos.com and connect with us on LinkedIn at www.linkedin.com/company/sarcos.

About Sarcos Defense

Sarcos Defense is a wholly-owned subsidiary of Sarcos Technology and Robotics Corporation (NASDAQ: STRC and STRCW), which designs, develops, and manufactures a broad range of advanced mobile robotic systems, solutions, and software that redefine human possibilities and are designed to enable the safest most productive workforce in the world. Sarcos Defense is led by an elite team of proven former U.S. military officers and business leaders who understand the current and future threat environment and are equipped to deliver solutions that meet the needs of the modern military. Working closely with the U.S. Department of Defense and other federal and international government agencies, Sarcos Defense identifies capability gaps and undertakes research and development efforts, as well as rapid systems integration, to transform Sarcos' commercial products into specialized, mission-ready solutions that meet the specified requirements. For more information, please visit www.sarcos.com and connect with us on LinkedIn at www.linkedin.com/company/sarcos.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including future collaboration with the U.S. Air Force and product development, testing and trial plans, schedules and results. Forward-looking statements are inherently subject to risks, uncertainties, and assumptions. Generally, statements that are not historical facts, including statements concerning possible or assumed future actions, business strategies, events, or results of operations, are forward-looking statements. These statements may be preceded by, followed by, or include the words “believes,” “estimates,” “expects,” “projects,” “forecasts,” “may,” “will,” “should,” “seeks,” “plans,” “scheduled,” “anticipates,” “intends” or “continue” or similar expressions. Such forward-looking statements involve risks and uncertainties that may cause actual events, results, or performance to differ materially from those indicated by such statements. These forward-looking statements are based on Sarcos’ management’s current expectations and beliefs, as well as a number of assumptions concerning future events. However, there can be no assurance that the events, results, or trends identified in these forward-looking statements will occur or be achieved. Forward-looking statements speak only as of the date they are made, and Sarcos is not under any obligation and expressly disclaims any obligation, to update, alter or otherwise revise any forward-looking statement, whether as a result of new information, future events, or otherwise, except as required by law.

Readers should carefully review the statements set forth in the reports which Sarcos has filed or will file from time to time with the Securities and Exchange Commission (the “SEC”), in particular the risks and uncertainties set forth in the sections of those reports entitled “Risk Factors” and “Cautionary Note Regarding Forward-Looking Statements,” for a description of risks facing Sarcos and that could cause actual events, results or performance to differ from those indicated in the forward-looking statements contained herein. The documents filed by Sarcos with the SEC may be obtained free of charge at the SEC’s website at www.sec.gov.

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