



Palladyne AI's SwarmOS™ Successfully Performs Again at Army's Premier Division-Scale Test of Future Warfare

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Advancing from the Ivy Mass rehearsal to Project Convergence Capstone 6, SwarmOS again integrated with Anduril's Lattice and enabled multi-drone, multi-vendor autonomous operations before the U.S. Joint Force and allied military partners

SALT LAKE CITY--(BUSINESS WIRE)--Aug. 6, 2026-- [Palladyne AI](#) (NASDAQ: PDYN), a U.S.-based defense and industrial technology company delivering embodied AI-powered collaborative autonomy solutions, advanced avionics, precision-manufactured components, UAVs, and advanced aerospace engineering services, today announced the successful performance of its SwarmOS platform and Gremlin-X™ unmanned, reusable mini-bomber at Project Convergence Capstone 6 (PC-C6), the U.S. Army's culminating division-scale force-on-force modernization event.

PC-C6 marked the second time in less than three months that SwarmOS delivered multi-drone, multi-vendor autonomous operations under demanding, operationally realistic battlefield conditions. Following its successful performance at Ivy Mass, the 4th Infantry Division's risk-reduction rehearsal, SwarmOS advanced to a larger and more complex environment involving the Army and the broader U.S. Joint Force as well as military forces from some of America's closest allies.

At both Ivy Mass and PC-C6, SwarmOS integrated with Anduril's Lattice platform, a key integration layer supporting the Army's Next Generation Command and Control architecture. SwarmOS provided the collaborative autonomy that enabled heterogeneous Group 1 and Group 2 unmanned aircraft from multiple manufacturers to operate together as one intelligent system. Additionally, at PC-C6, SwarmOS achieved Impact Level 5 (IL5) certification, meeting the Department of War's stringent cloud security requirements for higher-sensitivity unclassified mission data and mission-critical command-and-control (C2) workflows.

During PC-C6 mission scenarios, SwarmOS enabled unmanned aircraft to collaboratively see, sense and strike targets while responding autonomously in real time as battlefield conditions evolved. SwarmOS coordinated the complete sensor-to-effects mission chain. Autonomous intelligence, surveillance and reconnaissance (ISR) aircraft searched for and identified targets of interest, shared targeting information through the Army's C2 environment and, with a soldier retaining decision authority, tasked Gremlin-X, Palladyne AI's low-cost mini-bomber, to engage the target. SwarmOS then coordinated post-strike battle damage assessment.

"Ivy Mass was the rehearsal, and PC-C6 was the main event," said Doug Dynes, President of Palladyne Aerospace & Defense. "SwarmOS delivered in both environments, enabling aircraft from multiple manufacturers to find targets, share information, adapt to battlefield changes, and coordinate precision effects while a soldier retained authority over the decision to engage."

The progression from Ivy Mass to PC-C6 represents the latest step in Palladyne AI's expanding work with the Army. With each successive event, SwarmOS has been required to integrate with more platforms, coordinate more complex mission workflows, and perform in increasingly demanding operational environments.

At Ivy Mass, SwarmOS enabled drones from multiple manufacturers to operate under the supervision of a single soldier trained to use the system in less than 30 minutes. At PC-C6, Palladyne AI repeated and expanded that performance inside the Army's emerging C2 architecture and before a broader joint and multinational audience.

"What differentiates SwarmOS is that it does more than automate individual aircraft or execute preplanned routes," said Dr. Denis Garagic, co-founder and Chief Technology Officer of Palladyne AI. "It enables heterogeneous unmanned systems to perceive, collaborate and adapt their actions in real time as the mission and battlefield change."

PC-C6 is the largest Project Convergence experiment conducted to date. The event brings together the Army, other elements of the Joint Force and allied military partners to evaluate how emerging technologies can be integrated into operational formations and employed during large-scale combat operations.

"The importance of PC-C6 is not simply that Palladyne AI participated in another exercise," said Ben Wolff, President and Chief Executive Officer of Palladyne AI. "The Army placed SwarmOS into an increasingly demanding progression of operational tests, and it delivered at every stage."

"We have consistently told customers and shareholders that SwarmOS can transform unmanned systems from different manufacturers into an intelligent, collaborative force capable of responding in real time to changing battlefield conditions," Wolff continued. "That is no longer merely what the technology is designed to do. It is what SwarmOS has now repeatedly done in the operational environments that are helping shape how the Army expects to fight in the future."

Unlike autonomy solutions designed around a particular aircraft or manufacturer, SwarmOS has been developed as a hardware-independent platform capable of coordinating unmanned systems with different designs, capabilities and mission roles. This approach allows military customers to combine new and existing systems from multiple vendors rather than becoming dependent on a single closed family of platforms.

Palladyne AI believes the results at Ivy Mass and PC-C6 strengthen the company's position as the Army and the Department of War seek to deploy larger numbers of autonomous systems without creating an unsustainable command, communications or personnel burden.

"The Army does not need thousands of disconnected drones, each requiring its own operator," Wolff said. "It needs diverse unmanned systems that can work together intelligently, adapt in real time and remain under effective human command. We believe SwarmOS has now demonstrated that capability at operational scale."

About Palladyne Aerospace & Defense

Palladyne Aerospace & Defense is Palladyne AI's division positioned as a mid-tier U.S. technology prime defense contractor. Palladyne Aerospace & Defense bridges innovative autonomy, practical engineering, and American production to bring intelligent systems into active service, faster, safer, and more cost-effectively than legacy approaches. With U.S.-based manufacturing, Palladyne Aerospace & Defense offers software, components, subsystems and UAVs aligned with the Department of War's growing demand for cost-effective, rapidly deployable, and domestically produced defense technologies.

About Palladyne AI

Palladyne AI is a U.S.-based technology company developing patented embodied artificial intelligence, collaborative autonomy solutions, and autonomous systems for defense and industrial markets. Palladyne AI delivers secure, American-developed and operated platforms designed to meet the stringent requirements of U.S. government and public-sector customers, including data sovereignty, security, and compliance.

Palladyne AI's embodied AI is designed to operate in complex, contested, and high-risk environments, enabling distributed tasking, human-on-the-loop decision-making, degraded-communications resilience, and multi-domain coordination. Its platform-agnostic autonomy stack combines real-time sensor fusion, adaptive AI models, and edge-native orchestration to support autonomous and collaborative systems across air, ground, maritime, and industrial domains. For more information about Palladyne AI, including GuideTech and Palladyne Aerospace & Defense, please visit www.palladyneai.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the capabilities of SwarmOS; Palladyne AI's expanding work with the U.S. Army; and the needs of the Department of War and the U.S. Army. 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 Palladyne AI's 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 Palladyne AI 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 Palladyne AI 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 Palladyne AI 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 Palladyne AI with the SEC may be obtained free of charge at the SEC's website at <https://www.sec.gov>.

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Palladyne AI Investor Contact:

Brian S. Siegel, IRC®, M.B.A.
Senior Managing Director
Hayden IR – Chicago
(346) 396-8696 (o)
brian@haydenir.com
IR@palladyneai.com

Palladyne AI Press Contact:

Heath Meyer
(858) 768-1527
PR@palladyneai.com

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