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PredictiveIQ Showcases Physics AI Innovation at the U.S. Army Innovator's Corner During AUSA 2025

Washington, D.C. | October 15, 2025 – PredictiveIQ, a technology company specializing in Physics AI solutions for advanced engineering, diagnostics, and predictive sustainment, proudly participated in the 2025 Association of the United States Army (AUSA) Annual Meeting & Exposition, held October 13–15 at the Walter E. Washington Convention Center in Washington, D.C.

As part of the U.S. Army FUZE Innovator's Corner, PredictiveIQ joined a group of technology innovators presenting emerging capabilities designed to address important challenges facing modern defense systems.

Organized by the Association of the United States Army, the Annual Meeting & Exposition is one of the defense industry's most significant gatherings, bringing together military leadership, government representatives, technology developers, and industry partners to explore the innovations shaping the future of land power.

PredictiveIQ's participation in Innovator's Corner highlighted its commitment to developing advanced AI-driven engineering capabilities that support improved system reliability, predictive maintenance, and operational readiness.

Bringing Physics AI Innovation to the Defense Community

The U.S. Army FUZE Innovator's Corner provides an opportunity for emerging technology companies to introduce innovative solutions and engage with the broader Army innovation ecosystem.

PredictiveIQ was featured within the Artificial Intelligence and Machine Learning category, highlighting its approach to combining physics-based engineering models with artificial intelligence to address complex challenges involving physical systems.

PredictiveIQ's Physics AI technology is designed to support advanced diagnostics, prognostics, and predictive maintenance by leveraging engineering knowledge alongside operational data.

This approach enables the development of intelligent solutions that can help organizations better understand equipment conditions, anticipate potential failures, and support more effective maintenance and sustainment decisions.

For mission-critical systems, the ability to translate complex engineering information into actionable insights represents an important step toward improving equipment availability and supporting operational readiness.

Contributing to the Future of Defense Technology

The 2025 AUSA Annual Meeting provided an opportunity to explore the growing role of artificial intelligence, advanced engineering, and digital technologies in the modernization of defense capabilities.

During the event, PredictiveIQ's presence in Innovator's Corner reinforced the importance of integrating AI with physical engineering principles to address the evolving demands of complex equipment and systems.

As defense organizations continue to seek technologies that improve reliability, reduce maintenance burdens, and support efficient lifecycle management, Physics AI offers a promising approach to generating more informed and proactive engineering decisions.

PredictiveIQ remains committed to advancing these capabilities and contributing to the development of intelligent technologies that support the future of defense engineering and sustainment.

Its participation in AUSA 2025 represents another step in strengthening the company's presence within the defense innovation community and communicating the potential of Physics AI for mission-critical applications.

About PredictiveIQ

PredictiveIQ develops Physics AI software for advanced diagnostics, prognostics, and predictive sustainment. Its technology combines physics-based engineering models with machine learning and operational data to generate explainable health indicators, condition indicators, virtual sensors, remaining useful life estimates, and uncertainty-aware decision support.

PredictiveIQ supports defense and commercial customers seeking earlier fault detection, improved fault isolation, condition-based maintenance, and greater asset readiness.

For more information about PredictiveIQ, visit www.predictiveiq.com.