



Supporting Army Readiness through a robust digital additive manufacturing supply chain

The AMNOW program was launched in 2019 with a mission to establish and demonstrate a robust capable digital manufacturing supply chain to support Army readiness. Executing that mission required elevating the capabilities of the supply chain; elevating additive manufacturing (AM) processes as a reliable technology; visualizing the supply chain back to the Army; and capturing production data as a contract deliverable.

As the program progressed, many suppliers have been engaged to make that mission a success.

Product Evaluation Systems, Inc. (PES), an independent full-service testing laboratory, is one of those suppliers. Their Latrobe, Pennsylvania laboratory houses mechanical, chemical, and nondestructive testing facilities, as well as a metallurgical lab and machine shop. With this suite of capabilities, PES is providing its customers with a full-spectrum of testing services and solutions, as well as cost and time-saving advantages.

PES was considered well suited as an early supplier partner for AMNOW because of their technical staff and their more than 40 years of materials testing experience.

PES has been part of the AMNOW program since August 2019, having participated in the pilot supplier assessment process. Since that time, they have completed more than 2,300 coupon tests in support of both the Participant Integration and Demonstration Projects.

Because of their participation, PES has realized several key benefits.

1. Expanding Exposure

AMNOW provided PES the opportunity to establish new customer-based relations through a publicized article that showcased their testing services on parts that underwent an exemplary U.S. Army hardware flight test operation.

2. Elevating Best Practices

While adhering to program requirements for effective data handling, PES was introduced to more efficient data management processes and methods. They have been incorporating these practices to improve their business offerings.

3. Enhanced Operations

Participation enabled PES to expand from their traditional services by exercising their full suite of capabilities within a single project. This full-scope execution also provided more in-depth exposure of AM part testing to their staff.

"AMNOW has helped us capture a broader scope of our capabilities."

- Mic Moorhead
PES, Director of
Sales and Marketing



Learn more about PES at www.pes-testing.com

Learn more about AMNOW at myamnow.com

Learn more about NCDMM at www.ncdmm.org