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PDES, Inc. Welcomes New Member Naval Shipbuilding and Advanced Manufacturing Center of Excellence
Dallas, TX – August 25, 2026

PDES, Inc. is proud to announce that the Naval Shipbuilding and Advanced Manufacturing (NSAM) Center of Excellence has joined the consortium. NSAM's membership reflects their commitment to advancing standards-based digital engineering, artificial intelligence-enabled design and manufacturing, and data-driven interoperability in naval shipbuilding. PDES, Inc., develops many of the standards that make this possible, and NSAM is focused on the application of these technologies. Together, the two organizations create a continuous feedback loop between standards development and practical implementation.

“PDES, Inc. has worked for decades to develop the international standards that enable digital engineering across industries, including shipbuilding,” said Allison Barnard, General Manager of PDES, Inc. “Welcoming NSAM to the consortium strengthens the connection between standards development and real-world implementation. Together, we can accelerate adoption of model-based engineering, improve interoperability across the naval shipbuilding enterprise, and ensure future standards continue to address the needs of manufacturers and government programs.”

“Joining PDES, Inc. allows NSAM to connect directly with the standards community shaping the future of digital engineering,” said Jamie Breakfield, Technical Director, NSAM. “As we work to accelerate advanced manufacturing, digital thread adoption, and AI-enabled tools across the naval shipbuilding enterprise, having a seat at the table where these standards are developed ensures our work stays aligned with where the industry is headed — and helps make sure those standards reflect real shipyard needs. This partnership also positions us to better leverage emerging capabilities in robotics, automation, and AI-driven modeling and simulation to improve affordability, quality, and speed from design through sustainment.”

About PDES, Inc.

PDES, Inc. is a not-for-profit consortium that serves as the U.S. focal point for development of ISO 10303 (STEP) standards, develops and maintains LOTAR standards, and provides implementation forums and technical working groups that bring together software vendors, manufacturers, government agencies, and researchers. By connecting the digital enterprise, PDES, Inc. helps organizations achieve seamless interoperability across their supply chains. The latest advances in product data interoperability are shared each year at PDES, Inc.'s Global Product Data Interoperability Summit (GPDIS). For more information about PDES, Inc., visit pdesinc.org. For more information about GPDIS, visit [GPDIS – Global Product Data Interoperability Summit](https://gpdis-ati.org).

About the Naval Shipbuilding and Advanced Manufacturing (NSAM) Center of Excellence

NSAM works with government, industry, and academia to identify, develop, and transition advanced manufacturing technologies that strengthen the U.S. defense industrial base. Its mission is to accelerate adoption of innovative manufacturing processes, digital engineering, automation, and modeling and simulation that improve the affordability, quality, and speed of building and sustaining naval platforms. For more information, visit nsam.ati.org.

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