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InnovMetric Joins PDES, Inc. to Advance Digital Thread Traceability and Standards-Based Manufacturing Interoperability

Collaboration to support Persistent ID research, STEP AP242 and QIF integration, and stronger alignment with the ISO standards community

Dallas, TX - 20 August 2026. [InnovMetric](#) and [PDES, Inc.](#) today announced a new collaboration focused on more reliable model-based engineering workflows. The collaboration supports PDES initiatives related to the Persistent ID project, including the use of UUID-based identifiers to connect STEP AP242 design data with inspection information, helping connect CAD geometry, Product Manufacturing Information, and measurement results across the digital thread.

As manufacturing organizations continue to adopt Model-Based Definition and model-based engineering practices, maintaining reliable traceability from design intent through quality verification has become increasingly important. The Persistent ID work addresses this need by using identifiers that preserve identity across system boundaries, enabling downstream data to remain connected to the original design requirements.

"InnovMetric is pleased to join PDES, Inc. and contribute to work that is directly aligned with our focus on the measurement process, data collection, dimensional analysis, and data management," said Simon HÉROUX, Senior Product Manager, InnovMetric. "The Persistent ID effort is a critical accelerator for stronger digital thread continuity. By helping ensure that measurement and inspection information remains connected to authoritative design data, we can support more reliable model-based engineering workflows and better downstream use of measurement data."

The collaboration also underscores the critical importance of continued partnership with the ISO standards community to ensure alignment between industry requirements, interoperability testing, and the evolution of international standards.

PDES, Inc. materials identify ISO standards development alignment, including AP242 work and ISO TC184/SC4 liaison activity, as part of the broader standards and interoperability ecosystem supporting digital enterprise objectives.

"Welcoming InnovMetric into PDES, Inc. strengthens the community of vendors, users, and standards experts working together to make the digital thread practical and implementable," said Allison Barnard, General Manager of PDES, Inc. "Persistent IDs are essential to connecting data across design, manufacturing, and inspection, but this work only succeeds when it is grounded in broad industry consensus and aligned with the ISO standards community. That partnership is imperative to moving from research and testing into reliable adoption across industry."

[InnovMetric](#) InnovMetric empowers manufacturers to digitally transform their 3D measurement processes through the PolyWorks® universal 3D metrology software platform, trusted by more than 26,000 customers in 103 countries. InnovMetric is focusing on creating next-generation digital data and process management technologies.

[About PDES, Inc.](#)

PDES, Inc. is a not-for-profit consortium dedicated to developing and maintaining ISO 10303 standards for product data representation and exchange, as well as LOTAR standards for long-term archiving and retrieval of product data. By connecting the digital enterprise, PDES, Inc. helps organizations achieve seamless interoperability across their supply chains.