MTU Aero Engines AG

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10,000 at 16 locations

WP3, WP5

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About us:

We at MTU Aero Engines are experts in the design, development, manufacture and maintenance of commercial and military engines—in all thrust and power categories—and of stationary industrial gas turbines. With our innovative engines, high-tech solutions and comprehensive services, we make aviation safer, more efficient and more sustainable. Our technology and our innovative strength make us an indispensable partner worldwide. And with the Pratt & Whitney GTF™ engine family, MTU is helping ensure that the world's most eco-efficient engines are flying the skies. For more please visit: https://www.mtu.de/about-us/

Our role in EuProGigant:

MTU Aero Engines AG is an associated project partner of EuProGigant. We are involved in requirements management for the system-independent EuProGigant edge system development in work package 3 and are providing valuable input from an IT and manufacturing perspective on use case development in the context of sovereign, secure data provision from the shop floor. Topics in focus are predictive maintenance and predictive quality.

- [ ] CO_2 footprint
- [x] Validation platform
- [ ] Mobile processing machines
- [ ] Component matching

Why EuProGigant is important to us:

EuProGiant demonstrates the future sovereign and secure data infrastructure for manufacturing. We learn at an early stage how the latest digital technologies work and derive for us how we need to rethink and realign our IT infrastructure together with the manufacturing infrastructure. The added value for us lies in the solution of a continuous, harmonized, secure and self-determined data transmission from the machines on the shop floor to our IT system infrastructure and, in the future, to selected partners. In this way, we accelerate internal business processes and enable secured data reuse to increase machine utilization and ensure the highest component quality.