



transAI

Get a grip on your production

STEP INTO THE WORLD OF THE DIGITAL MANUFACTURING INDUSTRY.



Imagine a bustling factory floor where machines operate at full capacity, operators closely monitor quality, and planners strive to maintain oversight.

Yet behind the scenes, a multitude of challenges exist: machines operate with different software versions, data entry is manual, and disparate systems fail to communicate effectively. Operators search for the right settings and drawings, planners grapple with fragmented data, and no one knows exactly where an order stands. Valuable time slips away, and errors inevitably creep in.

To streamline the production process, it's crucial to digitally connect machines, systems, and personnel within the factory. This incremental digital integration gives you increasingly precise control over your production. To facilitate this transformation, TransAI has developed an intelligent platform.

Innovating European Manufacturing from Twente

TransAI was established in partnership with several manufacturing companies aiming to digitize and automate complex production environments. This collaboration operates as a cooperative, allowing other manufacturers to join, truly embodying their slogan: "For and by the manufacturing industry."

TransAI actively collaborates with regional partners such as NovelIT, the Fraunhofer Innovation Platform, and OostNL. Already, six factories have integrated with the transAI platform. From Twente, we're building a European platform designed to innovate manufacturing industries and strengthen international competitiveness.

From Disconnected Systems to a Smart Platform

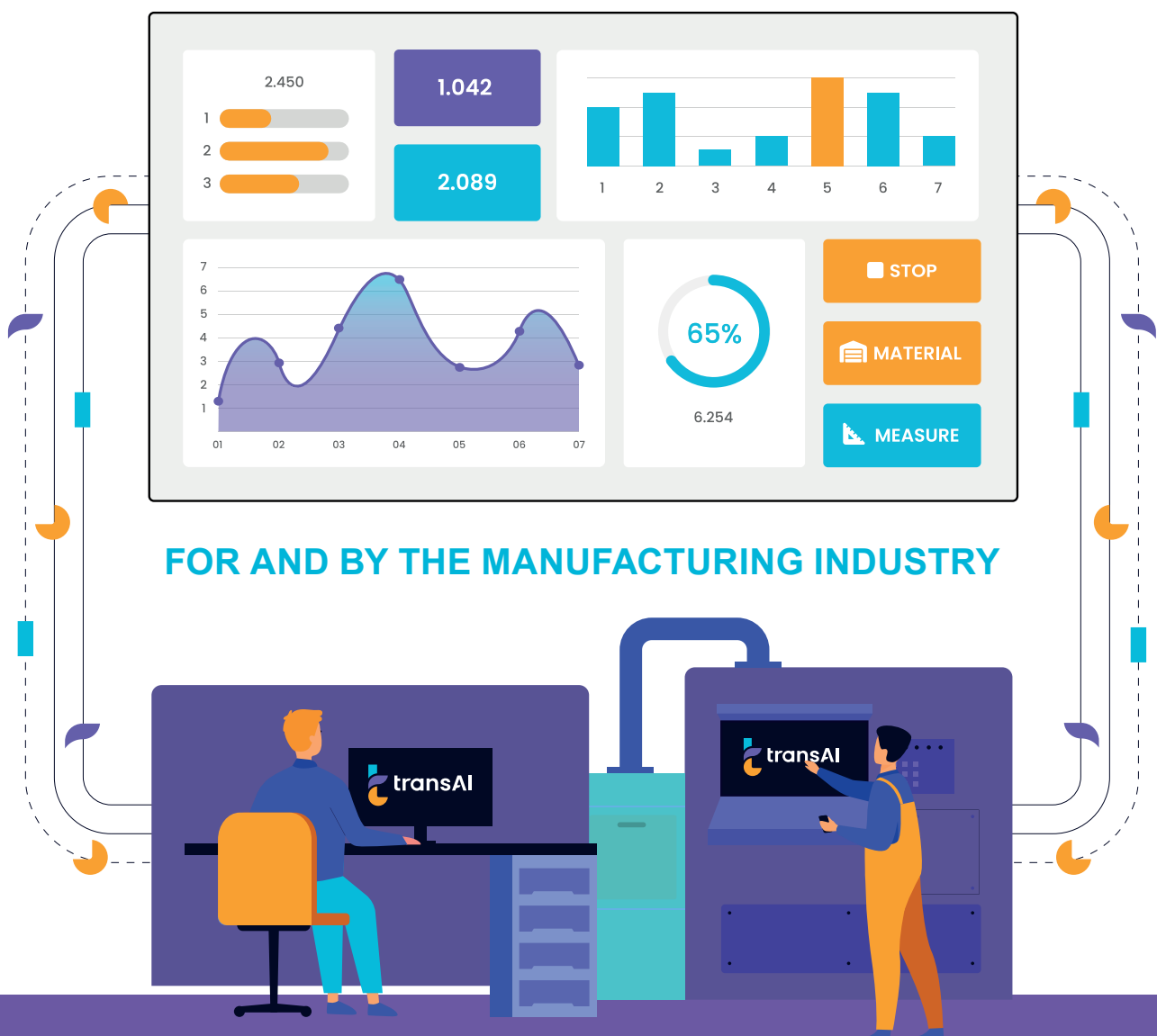
At transAI, we've observed that many manufacturing companies struggle with scattered data and isolated software solutions. ERP systems, machines, and sensors typically function independently, with inadequate inter-system communication.

Each department relies on its specialized applications: production data logged in one system, quality metrics in another, and energy consumption data elsewhere. Though logical, these systems depend on each other's information to function optimally.

This challenge spurred the creation of the transAI platform. By automating data exchanges and enriching existing applications with accurate information, the platform enables greater control of production without custom software or complex IT projects.

The transAI platform integrates all machines and applications into a unified, real-time ecosystem. Information becomes readily accessible, displayed clearly in dashboards rather than on paper forms. Employees can quickly find relevant data and initiate actions directly.

For instance, the platform can enhance the traceability of materials and other production resources, streamlining processes considerably.



Beyond Dashboards: Immediate Action Across All Systems

TransAI doesn't merely collect data for dashboard presentations—it actively interacts with machines and applications.

Changes initiated through the platform are instantly propagated across connected systems within your company. By creating automated workflows, you can optimize machine performance, update ERP systems instantly, or even manage energy usage directly tied to production planning.

These workflows are adaptable and easily modifiable, enabling progressively extensive automation throughout your factory. The platform grows and evolves alongside your needs.

Human and Machine: One Team

At transAI, digitalisation isn't the goal itself; it's a means to empower people to work smarter. Our platform eliminates repetitive tasks, allowing operators and engineers to focus on higher-value activities.

Companies adopting this data-driven approach reduce errors, accelerate innovation, and mitigate dependence on scarce expertise, making their production robust and future-proof.

Real-World Impact: transAI in Action

The transAI platform is already actively implemented in various production environments. Together with our partners, we continuously test and

refine the solution for maximum operational impact.

The results speak volumes: *"TransAI enabled us to transition to a fully digitized production environment,"* enthuses Arjan from Betech Group, adding, *"Our machine output increased by 12% thanks to transAI."* Arnold from Maathof Group shares his experience: *"Not only did transAI significantly enhance our production processes and eliminate paperwork, but it also vastly improved our time tracking."*



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AI: The Next Step— Chatting with Your Factory

*How much downtime
occurred this month?*

*What's the energy usage
per production line?*

*Which machines
underperform?*

These are questions easily answered by the next phase of understanding your production: an AI chatbot.

Instead of combing through reports, ask straightforward questions and receive real-time insights and actionable recommendations directly from the system. This accessible application of AI swiftly and intelligently integrates onto your factory floor.

Safe and Secure: ISO 27001 Certified

At transAI, data security is paramount. We are ISO 27001-certified, meeting rigorous international standards for information security. From encrypted data streams to controlled user access, we ensure customer data is always handled securely and carefully, providing a robust, smart, efficient, and secure platform. ■

Smartly Engineered | transAI

Choosing transAI means selecting a simple, intelligent, and flexible solution built for the future.

Want to learn more?

Visit www.transai.com or contact us at info@transai.com

