

FUJITSU - PROOF OF CONCEPT

INDUSTRY 4.0 - AUDIT TRAIL



Product quality is a critical success factor for the Manufacturing Industry. Assembled products can consist of hundreds of components and their production is based on complex processes. For audit trails in industrial production environments and supply chains IOTA provides a single source of truth.

THE CHALLENGES TODAY

In the age of Industry 4.0 manufacturing and supply chains become more connected and produce increasing amounts of data. The promise of this is to leverage efficiency and quality in processes and products which help manufacturers to differentiate from their competitors. The challenge is to build trust in product quality and integrity.

THE PROJECT GOALS

- To demonstrate an audit trail for a production process with IOTA as an immutable data storage medium.
- To engage with the manufacturing and automotive industry and to drive IOTA-based innovation with Fujitsu's Co-creation approach.

Leopold Sternberg, Program Manager,
Industry 4.0 Competence Center, Fujitsu

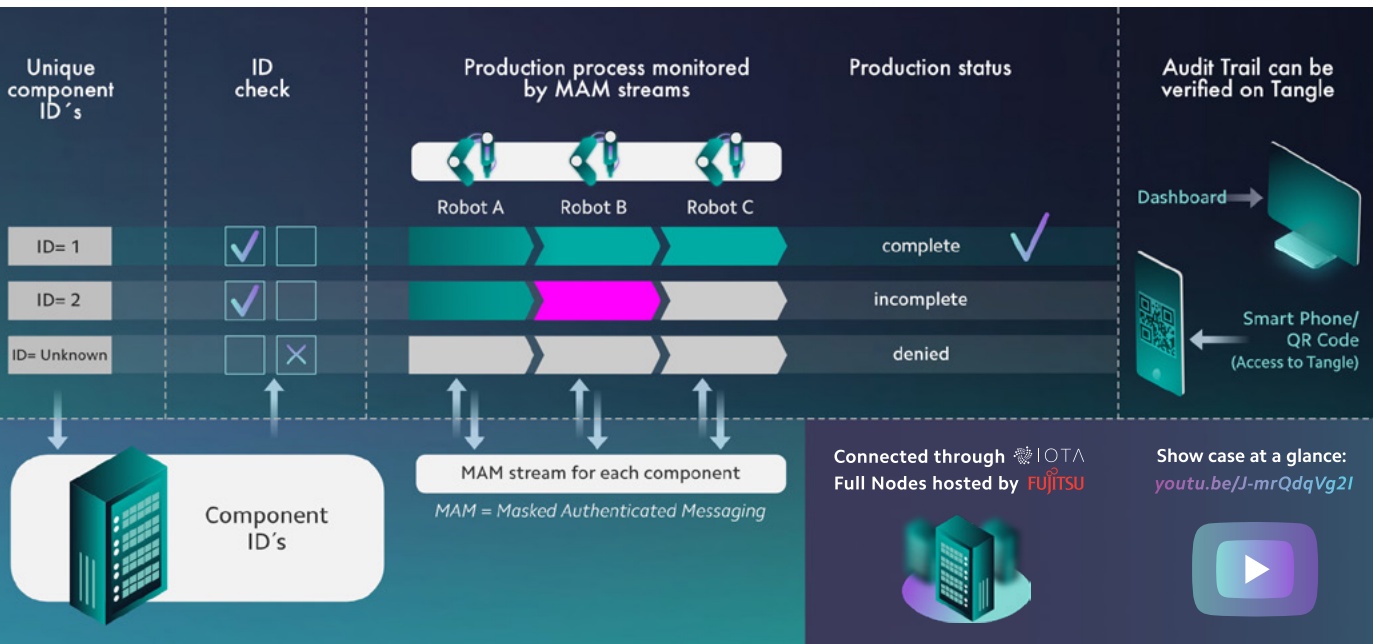
"Fujitsu is well-equipped to help roll out IOTA as the new protocol standard as we are experts in both IT services and the manufacturing of IT products."

CORE BENEFITS FOR CUSTOMERS

- **Transparency:** Improves quality management, after sales processes and customer care management.
- **Trust in Data:** For compliance audits IOTA provides a cryptographically secure source of unified truth.
- **Data Security:** Prevents negative influences such as security breaches, data corruption, or fraud.

MORE OPPORTUNITIES

- Identity and Access Management combining Fujitsu PalmSecure Palm Vein Pattern Recognition Technology and IOTA Tangle.
- Comprehensive interaction along supply chains and ecosystems based on a global, open source network.



FUJITSU

Fujitsu is the leading Japanese information and communication technology (ICT) company and the world's fifth-largest IT services provider. Fujitsu offers a full range of technology products, solutions, and services. Approximately 140,000 Fujitsu people support customers in more than 100 countries.

The IOTA Foundation was established in Germany as a formal, non-profit organisation ('gemeinnützige Stiftung') in 2017. To learn more about IOTA visit iota.org or reach out to contact@iota.org.