



STAR Booklet available online!

A series of STAR blogs for better understanding Trusted Artificial Intelligence in the Industry 5.0 era

Artificial intelligence (AI) systems in the manufacturing sector are increasingly replacing human tasks improving the automation of production. These systems need to be safe, trusted and secure, even when operating in dynamic, unstructured and unpredictable environments to be able to react to different situations and security threats. Ensuring safety and reliability of these systems is a key prerequisite for deploying them at scale and for fully leveraging the benefits of AI in manufacturing.

The Horizon 2020 STAR project has just made available the Booklet integrating a series of articles and blog posts prepared by the project partners. This article collection sheds light on many different aspects of trusted artificial intelligence for industrial use cases featuring also work and achievements of the STAR project towards safe, secure and ethical AI systems.

The articles in the Booklet are divided into the six sections, namely:

- Part I: H2020 STAR Project Overview
- Part II: Human-AI Systems Collaboration and Human-Centred Manufacturing
- Part III: Industrial Systems Safety
- Part IV: Explainable and Trustworthy AI
- Part V: AI Cybersecurity
- Part VI: AI Ethics and Regulations

The **STAR Booklet** has just become available digitally! You can download it [here](#)

For more information about the STAR project, visit STAR website: www.star-ai.eu

About STAR

STAR is a joint effort of 15 European partners towards designing new technologies to enable the deployment of standard-based secure, safe, reliable and trusted human centric AI systems in manufacturing environment. STAR aims to research, develop, validate and make available to the community leading-edge AI technologies including explainable AI, active learning systems, simulated reality systems, human-centric digital twins, advanced reinforcement learning techniques and cyber-defense mechanisms, thus becoming a catalyst for the deployment of advanced AI systems in the manufacturing shop-floor.

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PRESS
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Safe and Trusted Human Centric Artificial Intelligence in
Future Manufacturing Lines

PROJECT KEY FACTS

Full Name:	STAR: Safe and Trusted Human Centric Artificial Intelligence in Future Manufacturing Lines
Contract No:	H2020 - 956573
Project duration:	1 January 2021 – 31 December 2023, 36 Months
EU Contribution	Approx. EUR 6 million
Website:	www.star-ai.eu
Coordinator:	Netcompany-Intrasoft

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STAR EU PROJECT



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