

PROSPECTS 5.0 Industry 5.0 Wiki

Did You Know Series

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Task	: Task 5.2
Partner	: GTW Bearings s. r. o. (GTW)
Author	: Menclová Lucie

Sensor data and AI ensure optimal production efficiency

Predictive Maintenance: AI algorithms can analyse data from sensors on manufacturing equipment to predict and prevent equipment failures. This ensures optimal production efficiency and reduces downtime.

Source: M. Verma and U. Pradesh, 'Transition From Industry 4.0 to Industry 5.0: A Comprehensive Overview', *International Journal of Trend in Scientific Research and Development (IJTSRD)*, vol. 8, pp. 91–102, Mar. 2024. e-ISSN: 2456 – 6470



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