INDUSTRY 4.0 SKILLS
GAIN KNOWLEDGE

Co-funded by the
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SFM Systems and VOITH

VOITH

Source / Link: https://www.sfmsystems.de/project/voith-turbo-digital-shopfloor-management/

Technology area:	Type of good practice:	Target market segments:
☒ Artificial Intelligence	☒ Company	☒ Discrete (smart) manufacturing
☐ Big Data	☒ Project	☒ Automotive
☐ Digital Twins	☐ Initiative	☒ Aerospace
☒ IoT and IIoT	☐ Programme	☒ Metal processing
☐ Cybersecurity	☐ Other	☒ Consumer goods
☐ VR/AR		☒ Pharmaceuticals and chemistry
☐ Robotics		☒ Food and agriculture
☒ Automation		☒ Health
☒ System Integration		☒ Textiles
☐ Smart Sensors		☐ Others
☐ Additive Manufacturing		
☐ Other		

Summary:

SFM Systems is a production management software company from Darmstadt. Their Digital Teamboard software offers manufacturing companies the means to detect deviations and solve problems by utilizing data analytics, systematic problem solving and machine learning. SFM Systems implemented their Digital Teamboard at VOITH – a global technology company – and as a result, the company was able to significantly improve its efficiencies and became much more effective in certain processes.

Detailed description

The Digital Teamboard from SFM Systems is a digital shop floor management solution that was developed by experts with experience in the implementation of shop floor management and in cooperation with in-GmbH, a software house for industrial IoT platforms. The Digital Teamboard enables companies to carry out performance dialogue with digital support, define actions and escalate them within the organization, accelerate problem solving with a digital assistant, get an overview of aggregated KPIs, get insights into deviations, actions and problem-solving processes and much more.

Extensive shop floor management has been in place at VOITH Turbo in Crailsheim since 2013. However, the high level of transparency and the analysis options created required more time for the executives. With the help of the Digital Teamboard, managers are now relieved of data collection tasks so that they have more time for problem solving and for their teams. In addition, the ability to perform analyses was further improved by the availability of digital, structured data.

Beneficial Results

As a result of the implementation of the Digital Teamboard, VOITH Turbo was able to achieve 30%-time savings for its executives. In other words, executives now benefit from working on a single knowledge base, which means that they can now transfer insights from one area to other areas and access the data. Additionally, the implementation of the solution also allowed the team of VOITH Turbo to perform fault measures 40% faster, as a result of the improved transparency among team members.

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